Research, reflect, specialise, and innovate with a Graduate Degree in Agricultural, Veterinary or Food Sciences.

Access the latest research and innovations
Pursue your passion and advance your career
Learn from more than 200 academic scientists
Join us at Australia’s No. 1 university
A Graduate Degree with the Faculty of Veterinary and Agricultural Sciences

In an increasingly competitive global employment market, graduate study can give you an edge with a professional qualification at a masters or doctorate level. Our graduate professional entry programs offer intensive, focused study and professional knowledge – preparing you for the career of your choice.

With state-of-the-art facilities and expertise spanning a broad range of veterinary, agricultural and food sciences our broad range of study options will help you achieve your goals in areas including animal health and welfare, farm production of food and fibre, food security and climate change.

Whether you are advancing your current qualification or already working in the field, graduate study can improve your career progression and earning potential. You can also explore graduate study simply to pursue your passion and for your own personal and intellectual development.
Reap the rewards with a higher degree in the agricultural sciences

A higher degree in agricultural science can open up a whole new world of possibilities – whether you are moving into the field for the first time or extending your skill set into a specific area. Gain access to the latest research and innovations in addressing key industry challenges (such as climate change and food security) and undertake vital research that contributes to industry knowledge and practice.

Learn from the knowledge and experience of more than 50 academic agricultural scientists, each possessing a wealth of expertise and networks.

COURSEWORK DEGREES

Graduate Certificate in Climate Change for Primary Industries
Fast track your skill base and capabilities to advise the agricultural sector on climate change mitigation, sequestration and adaptation. This course is ideal for extension officers, farm consultants, land managers and natural resource management and it is delivered in intensive blocks to help fit in with your work/life commitments.

Develop an applied understanding of the environmental, economic, social and ethical factors underpinning climate change impacts on agricultural production and land management. Learn about carbon farming, sustainable food and fibre production, as responses to changing climate conditions.

Master of Agricultural Sciences

The agricultural sector is a multi-billion dollar industry, encompassing agricultural production, food processing, government, agribusiness, land and water resource management at a national and international level.

With a Master of Agricultural Sciences you will gain an understanding of the scientific, environmental and political issues underpinning national and international sustainable food production as well as strategic skills in business, finance and economic management, as they apply to the agricultural context.

With this degree you can focus on one area or complete subjects across each of the four specialisations:

» Agribusiness
» Animal Science
» Crop Production
» Food Security

Take the opportunity to complete a research project or internship, to add an extra element to your qualification.

Also available as a Graduate Diploma and Certificate, which can be credited to the full Masters program.

Master of Agribusiness

The Master of Agribusiness was specifically developed for agribusiness and agricultural professionals to further their skills and knowledge in business strategy, finance, agricultural and resource economics, entrepreneurship and the environmental issues that impact the sector.

Build on your professional experience in the food and fibre industries, to broaden your understanding of the sector and enhance your analytical skills. Improve your capacity to make important management decisions within the agribusiness industry.

Establish connections with industry mentors. Understand the trends and underlying influences impacting the entire agribusiness value chain and the global environment.

This course is delivered online with some intensive subjects delivered on campus. The Agribusiness specialisation is also offered through the Master of Agricultural Sciences and the Graduate Certificate/Diploma of Agricultural Sciences.

Quick facts
Duration
50 point entry: 1 year part-time

Entry
Semester 1 / Semester 2

Delivery Mode
On campus mode

Fees
» Domestic: CSP Places, Fee-Place
» International: Fee-Place

More information
fvas.unimelb.edu.au/ccpi

Quick facts
Duration
200 point entry: 2 years full-time or part-time equivalent

150 point entry: 1.5 years full-time or part-time equivalent

Entry
Semester 1 / Semester 2

Delivery Mode
On campus mode

Fees 2015
» Domestic: CSP Places, Fee-Place
» International: Fee-Place

More information
fvas.unimelb.edu.au/study/courses/master-of-agricultural-sciences

Quick facts
Duration
150 point entry: 1.5 years full-time or part-time equivalent

Entry
Semester 1 / Semester 2

Delivery Mode
Online study mode and on campus mode

Fees 2015
» Domestic: CSP Places, Fee-Place
» International: Fee-Place

More information
fvas.unimelb.edu.au/study/courses/master-of-agribusiness
RESEARCH DEGREES

Master of Philosophy (Agriculture)
The Master of Philosophy is an internationally recognised masters degree. You will demonstrate a critical application of specialist agricultural knowledge via a thesis of 30,000–40,000 words. Make your contribution to key research areas in agribusiness; agricultural biosciences; animal sciences, health and welfare; food systems and natural resource management; and infectious diseases, public health and biosecurity.

You will meet regularly with your supervisor and present your work in the Faculty’s research seminar program. You will also be assisted to participate in relevant national or international conferences.

Quick facts
Duration
2 years full-time or part-time equivalent
Entry
Semester 1 / Semester 2
Delivery Mode
On campus mode
Fees 2015
» Domestic: RTS only
» International: Fee-Place
More information
fvas.unimelb.edu.au/study/courses/master-of-philosophy-agriculture

Doctor of Philosophy (Agriculture)
With the Doctor of Philosophy you will undertake a substantial piece of original research, conducted and reported under academic supervision. This is your opportunity to demonstrate your expertise in your chosen field of agricultural research and your awareness of appropriate research techniques.

Your thesis will be 80,000 words demonstrating your ability to communicate research findings effectively in the professional arena and to an international research community. It will be a careful, rigorous and sustained piece of work demonstrating your research ‘apprenticeship’ is complete and the holder is admitted to the community of scholars in the discipline. In scope, the PhD thesis differs from a research Masters thesis, as it is a more comprehensive treatment of the chosen subject.

Quick facts
Duration
3 years full-time or part-time equivalent
Entry
Semester 1 / Semester 2
Delivery Mode
On campus mode
Fees 2015
» Domestic: RTS only
» International: Fee-Place
More information
fvas.unimelb.edu.au/study/courses/master-of-philosophy-agriculture

Learn more about your research options at:
fvas.unimelb.edu.au/research/projects
Satisfy your craving for a higher degree in food science

Graduate study in the food sciences at Melbourne allows you to gain key specialist knowledge and skills to meet the growing demand for expert scientists in this busy industry sector. Our programs have been developed with local and international industry groups and include practical internships across a range of major food companies.

**Master of Food Science**

Learn to manage innovative, sustainable and safe food production for local and international markets at all stages of the supply chain. Investigate the interdisciplinary nature of agriculture, food production and food science at an advanced level. This includes strengthening your knowledge in food chemistry, microbiology, quality and processing. Explore current regulatory frameworks and other national and international industry influencers. Deliver an independent piece of research that explores an advanced research topic and its practical application in a commercial setting.

This program will help you develop the skills and expertise to work within research divisions of food companies and associated organisations as well as in managing food production across the entire food supply chain.

This program is also available as a Graduate Certificate and Diploma.

**Master of Food and Packaging Innovation**

The Master of Food and Packaging Innovation is a new inter-disciplinary degree that explores food science, entrepreneurship and innovation in product and packaging design at an advanced level, to meet the demands of a growing industry.

You will learn the skills necessary to develop valuable and innovative food products that address key issues such as transportability, durability, tamper proofing and perishability issues, as well as key environmental, economic, social and ethical factors. Discover the food science fundamentals of chemistry, safety and quality and gain complementary business skills. Internship opportunities are available at some of Australia’s best-known brands.

The Master of Food and Packaging Innovation is a joint initiative between the University of Melbourne and Mondelēz International, with the support of the Victorian Government.

From 2016 a number of generous scholarships will be available to cover the full tuition costs of the degree.
Make your mark with a higher degree in veterinary science

Higher degrees in veterinary science at Melbourne allow you to pursue your special area of interest under expert guidance. Whether managing clinical cases within our world-class Veterinary Hospital, preparing for specialist registration or contributing to research that enhances the health and well-being of animals and humans world-wide, our highly-respected academic staff will help you to reach your goals. We also offer an exciting program in emergency animal diseases, delivered online for added flexibility.

COURSEWORK DEGREES

Graduate Diploma in Agribusiness for Veterinarians

This course gives veterinary professionals the opportunity to learn the principles of agricultural business management. It is designed to take into account both current and anticipated future industry needs and is specifically designed to provide you with the core business competencies and skills to develop your leadership potential. On completion of the degree you will emerge well equipped to gain employment in a range of sectors including the agricultural industry, private practice, government, research and academia. You may also go on to complete the Masters of Agribusiness or the Masters of Agricultural Science with credit.

You will study core agribusiness coursework subjects in addition to undertaking industry placements in relevant organisations. The program will culminate in a capstone internship experience enabling you to develop work-ready skills and contacts within the agricultural sector.

This Diploma can be taken concurrently with the Doctor of Veterinary Medicine.

Quick facts
Duration
100 point entry: 1 year full-time/2-4 years part-time
Entry
Semester 1 / Semester 2
Delivery Mode
On campus mode
Fees
» Domestic: Fee-Place
» International: Fee-Place
More information
fvas.unimelb.edu.au/study/courses/agribusiness-vet

Graduate Diploma of Veterinary Professional Leadership and Management

This program is for veterinarians and veterinary students wanting specialist training in organisational leadership and management, across a broad range of management settings. You will study coursework subjects within the Master of Management program to develop the theoretical and practical knowledge required to become a successful manager and leader, such as: business decision making, motivating and leading people, and developing organisational strategies. You will also undertake industry placements to develop the professional skills required to gain employment in a range of veterinary industries including practice management, private industries such as pharmaceuticals, research, government and non-government organisations.

Graduates of this degree can go on to complete Masters level studies in the Faculty of Business and Economics Students who complete the Master of Management program at the University of Melbourne will gain credit for the Master of Management subjects undertaken as part of enrolment in this graduate diploma.

This Diploma can be taken concurrently with the Doctor of Veterinary Medicine.

Quick facts
Duration
100 point entry: 1 year full-time/2-4 years part-time
Entry
Semester 1 / Semester 2
Delivery Mode
On campus mode
Fees
» Domestic: Fee-Place
» International: Fee-Place
More information
fvas.unimelb.edu.au/study/courses/grad-dip-vet

Master of Veterinary Studies

Advanced clinical training with registered specialists

Undertake advanced clinical training in your selected veterinary science field under the mentorship of our experienced registered specialists. This includes supervised investigation and management of clinical cases. Attain an advanced level of appropriate diagnostic, therapeutic and technical (including instrumentation) skills as well as preliminary research skills.

This program provides invaluable preparation for the FANZCVS certifying examinations and is offered concurrently with the Master of Veterinary Science (Clinical) as part of the Clinical Training Program.

Quick facts
Duration
150 point entry: 3 years part-time
Entry
Semester 1 / Semester 2
Delivery Mode
On campus mode
Fees
» Domestic: RTS only
More information
fvas.unimelb.edu.au/study/courses/master-of-veterinary-studies
Master of Veterinary Public Health (Emergency Animal Diseases)

This degree has been developed specifically for veterinarians, animal scientists and animal health workers wishing to effectively contribute and respond to emergency animal disease responses, both in Australia and internationally.

You will undertake specialised training in animal health emergencies, specifically those with potential public health consequences. Study the selection and interpretation of laboratory tests; project management; advanced disease recognition and control; risk communication; epidemiology; selection and evaluation of control options; simulation exercises and preparedness planning.

Flexible part-time study and online delivery allows you to balance your study with full-time work and other commitments. There is also the option to specialise in this field with a Graduate Diploma, Graduate Certificate or Single Subject enrolment.

Developed in partnership with the CSIRO’s Australian Animal Health Laboratory and the Victorian Department of Primary Industries.

Quick facts

Duration
200 point entry: 4 years part-time

Entry
Semester 1 / Semester 2

Delivery Mode
Online with one on campus residential subject

Fees
» Domestic: Fee-Help, Fee-Place
  » International: Fee-Place

More information
fvas.unimelb.edu.au/mvph

RESEARCH DEGREES

Master of Veterinary Science

Develop advanced skills in carrying out independent and sustained veterinary research, with a Master of Veterinary Science. Your research thesis (of 30,000–40,000 words) will demonstrate a critical application of specialist veterinary science knowledge. The topic can relate to any of the Faculty’s veterinary science research programs. Your research degree can advance your career in veterinary or biomedical research, diagnostic laboratory work, biosecurity, policy and government, international aid or animal health and production.

While undertaking this degree you will meet regularly with your supervisor and present your work in the Faculty’s research seminar program. You will also be assisted to participate in relevant national or international conferences.

Quick facts

Duration
100 point entry: 1.5 part-time

Entry
Semester 1 / Semester 2

Delivery Mode
On campus mode

Fees 2015
» Domestic: RTS only
  » International: Fee-Place

More information
fvas.unimelb.edu.au/study/courses/master-of-veterinary-science

Master of Veterinary Science (Clinical)

This research degree can be undertaken in any of the Faculty’s veterinary science clinical research programs. The course is offered concurrently with the Master of Veterinary Studies as part of the Residency Training Program.

Research training, based on the conduct of experiments, or analysis of clinical cases, under appropriate supervision, is given in a selected field of veterinary science. Advanced professional training is obtained through participation in the clinical investigation and management of clinical cases under the supervision of senior staff.

The Master of Veterinary Science (Clinical) is comprised of two subjects conducted concurrently: a masters research thesis and a clinical practicum for training in clinical disciplines, including clinical research.

Quick facts

Duration
200 point entry: 1.5 – 2 years full-time or part-time equivalent

Entry
Semester 1 / Semester 2

Delivery Mode
On campus mode

Fees 2015
» Domestic: RTS only
  » International: Fee-Place

More information
fvas.unimelb.edu.au/study/courses/master-of-veterinary-science

Clinical Residency Training Program

The University of Melbourne offers Residency Training Programs for veterinarians wishing to pursue advanced training in each of the following disciplines: Anaesthesia, Anatomic Pathology, Clinical Pathology, Clinical Pharmacology, Dairy Cattle Medicine, Diagnostic Imaging, Emergency and Critical Care, Equine Medicine, Equine Surgery, Small Animal Medicine, Small Animal Surgery and Neurology.

Residency programs typically begin mid-January and are three years in length. Over those three years, residents are expected to fulfil the credential requirements for admission to examination with the appropriate Australian, American or European Specialty College. In addition to working in the teaching hospital in their area of speciality, residents are enrolled as full time graduate students and must complete the Masters of Veterinary Studies (MVS), and the Masters of Veterinary Science (Clinical) (MVSc [Clinical]).

Residency Training Programs are generally only available for Australian and New Zealand citizens and Australian Permanent Residents. However, under exceptional circumstances, international applicants will be considered and are encouraged to apply if they meet the selection criteria.

For more information please visit: u-vet.com.au/learning-at-uvet/program-overview
Master of Philosophy (Veterinary Science)

Develop advanced skills in carrying out independent and sustained veterinary science research. The Master of Philosophy is an internationally recognised masters (by research) degree, completed by thesis (of 30,000–40,000 words).

Your thesis will demonstrate a critical application of specialist knowledge in the area of veterinary science research. You will meet regularly with your supervisor and present your work in the Faculty’s research seminar program. You will also be assisted to participate in relevant national or international conferences.

Doctor of Philosophy (Veterinary Science)

With the Doctor of Philosophy you will undertake a substantial piece of original research, conducted and reported under academic supervision. This is your opportunity to demonstrate your expertise in your chosen field of agricultural research and your awareness of appropriate research techniques.

Your PhD thesis of 80,000 will be a careful, rigorous and sustained piece of work demonstrating that your research ‘apprenticeship’ is complete and that you are admitted to the community of scholars in the discipline. In scope, the PhD thesis differs from a research Masters thesis, as it is a deeper and more comprehensive treatment of your chosen subject.

Quick facts

Duration
1.5 years full-time or part-time equivalent

Entry
Semester 1 / Semester 2

Delivery Mode
On campus delivery

Fees 2015
» Domestic: RTS only
» International: Fee-place

More information
fvas.unimelb.edu.au/study/courses/master-of-philosophy-veterinary-science

Quick facts

Duration
3 years full-time or part-time equivalent

Entry
Semester 1 / Semester 2

Delivery Mode
On campus delivery

Fees 2015
» Domestic: RTS only
» International: Fee-place

More information
fvas.unimelb.edu.au/study/courses/master-of-philosophy-veterinary-science

Advanced Standing

If you have previously undertaken studies in a cognate discipline you may be eligible for subject credit. Please contact us regarding your individual circumstances.

Scholarships

The Faculty and University offer a number of generous scholarships to assist students throughout their studies. For more information please visit:
fvas.unimelb.edu.au/scholarships

Contact Us

For more information about our full range of programs, including the Bachelor of Agriculture and the Doctor of Veterinary Medicine, please contact the Faculty of Veterinary and Agricultural Sciences.

Phone: +61 3 9385 5511
Email: info-fvas@unimelb.edu.au
fvas.unimelb.edu.au

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