THE UNIVERSITY OF MELBOURNE

THE DOCTOR OF VETERINARY MEDICINE

Faculty of Veterinary and Agricultural Sciences

Learn more on our website
fvas.unimelb.edu.au/dvm

The Doctor of Veterinary Medicine (DVM) is Australia's first graduate-entry, professional veterinary science qualification. In 2016, the Melbourne DVM has evolved further with the introduction of our NEW tracks program.

Gain industry-ready skills and knowledge

Become a leader in the welfare and care of animals

Oldest veterinary science school in Australia

Join us at Australia's No. 1 university

The Doctor of Veterinary Medicine
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OUR INNOVATIVE NEW TRACKS PROGRAM WILL BE OFFERED FOR THE FIRST TIME TO THE ENTERING CLASS OF 2016.

On track, with the NEW Generation Melbourne DVM

The NEW Generation Doctor of Veterinary Medicine (DVM) is Australia's first graduate-entry, professional veterinary science qualification. The DVM is based on the latest global thinking in veterinary science practice, teaching and learning.

As a Melbourne DVM student, you will take part in our unique Tracks program. Tracks are a way to prepare you best for your chosen career path, by concentrating your studies on a particular area of clinical interest and gaining complementary industry-ready skills and knowledge. This represents the latest international education models and enables you to stand out from the crowd upon graduation.

Australia's Number 1 University

Join the number one ranked university in Australia* and a top 10 university in the world for graduate employability.** Share in and benefit from our long-standing reputation for international excellence in teaching and research. We boast the oldest veterinary science school in Australia, combining over 100 years of experience in world-class education.

Internationally accredited

As a Melbourne DVM graduate, you can reap the rewards of our triple accreditation. Our accreditation allows you to obtain employment as a practising veterinarian in many countries, without further training. The DVM is accredited by the Australasian Veterinary Boards Council, the Royal College of Veterinary Surgeons (UK) and the American Veterinary Medical Association, a reflection on the quality of our program.

A culture of innovation and tradition

The new generation DVM program recognises the pivotal role of animals in society, and prepares students to become leaders in management, welfare and care of animals in diverse settings. The program embraces a strong foundation in veterinary science, as well as the latest clinical technologies and evidenced-based practices, and draws on the wealth of experience from our academics. Our new Tracks program will ensure you develop a high-quality core veterinary skill-set while at the same time giving you the opportunity to follow your particular area of interest from third-year, allowing you to differentiate yourself upon graduation.

Throughout your degree you will have access to practical and clinical training in our world-class University Veterinary Hospital and via external placements. The Veterinary Hospital includes a general practice, referral practice, equine centre and a 24-hour small animal emergency and critical care service, which sees more than 20,000 patients every year. Its facilities include state-of-the-art diagnostic imaging capabilities and on-site diagnostic pathology laboratories as well as our new clinical skills centre.

Strong and lasting connections

Experience strong bonds with teaching staff and fellow students. Our alumni groups are among the busiest and most enduring on campus. The strength of our community leads to excellent networking, placement and employment opportunities, which can really take you places, from the rich farming lands of Tasmania, to the bustle of Hong Kong, or the savannahs of South Africa. Our Faculty fosters and maintains strong national and international links with the veterinary profession, agricultural and animal health industries, and research agencies.

Passion and knowledge

You're passionate about animal health and welfare, and so are we. Our teaching staff – many of whom are world leaders in their fields – are approachable and enthusiastic as well as experienced and accomplished. This passion and dedication is reflected in the Faculty's exceptionally strong performance in student and graduate satisfaction surveys.

DEVELOP THE RIGHT SKILLS

Gain an internationally-recognised, professional veterinary science qualification. Get the right mix of theoretical and practical skills as well as career-focused clinical training.

YEARS 1 & 2: BUILD SOLID FOUNDATIONS

Introduction to the scientific basis of animal health and disease with integrated studies in the following:

- Veterinary bioscience and an integrated systems-based study of anatomy, physiology, pathology and pharmacology of each organ system
- Applications in animal health (determinants of disease in populations and in production animal systems)
- Infections, populations and public health
- Practical problem-solving and teamwork, including four hours per week of case-based group work

Location: Parkville campus with regular trips to the Werribee campus.

YEAR 3: GET CAREER-FOCUSED, VIA OUR TRACKS PROGRAM

SEE BELOW ▼

Commence your practical clinical training with an introduction to the principles of clinical practice and to species-based medicine and surgery. In addition to your general training, you can select a track in your chosen area of interest. You will have the opportunity to be involved in the extra practical classes and activities with classmates who share your interests.

Location: Werribee campus and University Veterinary Hospital

Core 'Mixed'

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Production Animal

This track will provide enhanced opportunities for students to gain hands-on experience and exposure to production animal medicine including working with cattle, sheep, pigs and poultry. Upon graduation, students who choose this track may enter mixed veterinary practice, pursue further study such as a residency, work for the government or quarantine inspection services, work as a production animal health management consultant, or work for private production animal industries.

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Small Animal

Students who are interested in pursuing a career path working with cats, dogs and small pets can elect to join the small animal track. This track will provide enhanced opportunities for students to follow their interest in small animal medicine, small animal surgery, or disciplines such as dermatology and ophthalmology. Upon graduation, students who chose this track may choose to enter private small animal practice, pursue further study such as an internship or residency, or work for government or private companies supporting the small animal industries.

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Government, industry and conservation health

Students who are interested in pursuing a career path outside of traditional veterinary clinical practice can elect to join the Government, Industry and Conservation Health track. This track will provide students with enhanced opportunities to pursue their individual area of interest, for example through wildlife health placements, and practical research projects. Upon graduation, students who choose this track may elect to pursue careers as veterinarians employed in government, policy development, one health, epidemiology, welfare, research, and business.

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Equine

This track will provide enhanced opportunities for students to gain practical skills and experience working with horses before graduation. Upon graduation, students who choose this track may enter private companion equine practices, racehorse practice, pursue an equine internship or residency, or work for government or private equine industries.

YEAR 4: A YEAR OF PRACTICE-BASED LEARNING

Fourth year is also part of the Tracks program. It is a practical year, conducted under supervision in the University Veterinary Hospital and via external placements. This year includes a final, intensive one-week professional practice program, which consolidates knowledge in preparation for transition into the workforce.

GO FURTHER, WITH A CONCURRENT DIPLOMA

Some DVM students may be eligible for our DVM Diploma program, which further prepares future vets for life in the workforce. This program allows you to complete one extra unit per year, in complementary areas such as agribusiness or business management. A number of subjects are taught by the renowned Melbourne Business School. The end result is a specialised diploma, alongside your DVM, as the ultimate preparation for your chosen career:

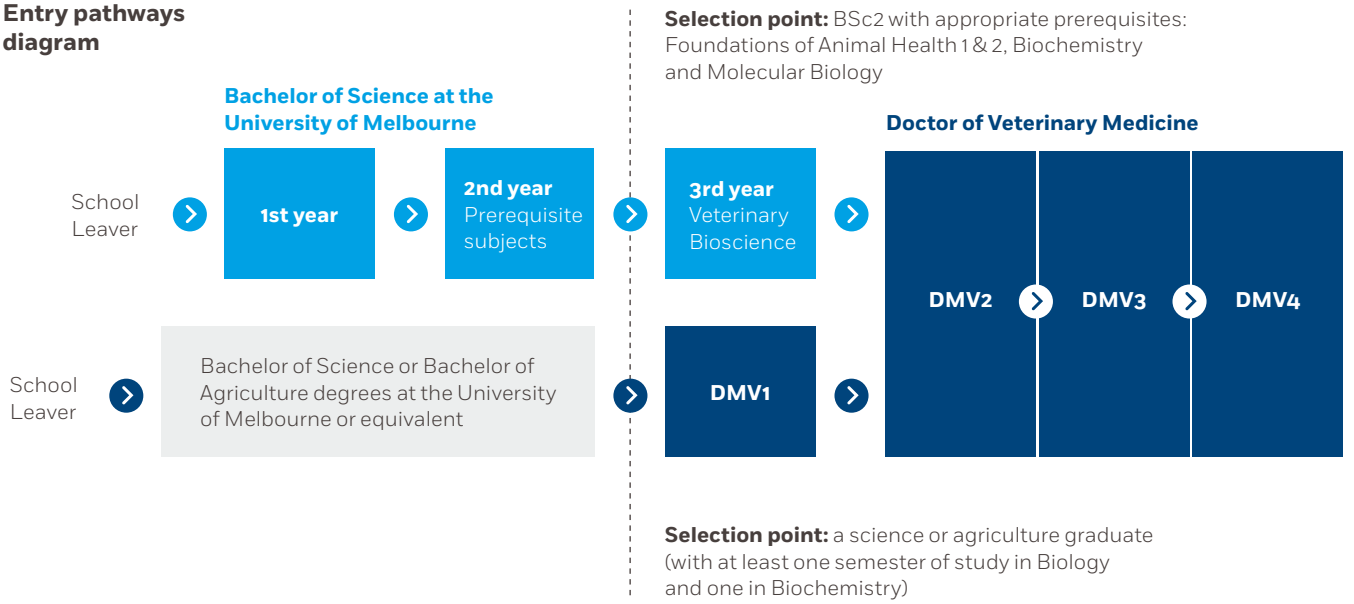
» Diploma of Agribusiness for Veterinarians

» Diploma of Veterinary Professional Leadership and Management

These programs are also open to qualified veterinarians, who wish to expand their business, leadership and management skills.

Learn more at: **www.fvas.unimelb.edu.au/study**

Entry pathways diagram



Entry and Prerequisites

Direct entry into the full DVM (four year) program

Applicants for the DVM must have completed a three year Bachelor of Science, Bachelor of Biomedicine or Bachelor of Agriculture degree at the University of Melbourne, or an equivalent science degree from another institution, recognised by the Faculty of Veterinary and Agricultural Sciences. The completed degree must include a significant proportion of science study (i.e. at least two thirds of the program) and include at least one semester in each of biology (cellular/general) and biochemistry.

Selection is on the basis of academic merit, based on results from the last two years of tertiary study (weighted 75:25 towards the final year results).

Pathway via Bachelor of Agriculture at The University of Melbourne (with credit)

Students wishing to progress into the DVM from the University of Melbourne's Bachelor of Agriculture must complete the Production Animal Health major. Entry into this major is available to all students successful in gaining a place in the Bachelor of Agriculture course.

Students having successfully completed the Bachelor of Agriculture, including all subjects in the Production Animal Health major, are eligible to apply for entry into the DVM. Selection is on the basis of academic merit, based on results from the last two years of tertiary study (weighted 75:25 towards the final year).

Students who study the Production Animal Health major and gain entry into the DVM will receive a minimum of 30 points subject credit towards their first year of studies.

PROFILE

ALICE CLARKE

DOCTOR OF VETERINARY MEDICINE STUDENT

Alison Clarke (pictured in lab coat) became interested in Australian wildlife when she was studying zoology in her undergraduate science degree, but even before she her Doctor of Veterinary Medicine degree in 2012, she was volunteering in wildlife care and rescue. She is President of the Veterinary Student Society of Victoria, past president of the President of the Wildlife Appreciation Group and has received awards for engagement and mentoring. She also works as a guide at Werribee Open Range Zoo.

"I always wanted to work with animals growing up, but when I was doing my Zoology degree, I started looking after wildlife, doing wildlife rehabilitation. Through doing that rehabilitation work I realised I wanted to be more hands-on and help out directly. That's probably when I decided that I wanted to go into vet."

"I've stayed engaged with the whole wildlife side of things. When I was doing wildlife rehab back then there were so things that I didn't understand about these animals, whereas now I can do similar work but from such a different perspective, because I actually understand much better how the body systems work."

"I think what I enjoy most about vet is the spectrum of what you can do. You can be hands-on, where fine motor skills are so important, but on the flip-side you can spend an afternoon or an evening just researching and reading as well. It's both sides of a coin."

As part of her final year studies, Alison has taken external placements and at the University of Melbourne's U-Vet Werribee Animal Hospital. Alison said the hospital has given her a lot of opportunities to learn directly from her professors.

"You get a lot of one-on-one time with your professors, despite the fact that they're very busy people. Somehow they find time to give you a lot of feedback and opportunities to ask questions. The case-load is pretty good here as well in that in the one day you'll see lots of different kinds of things. It's really good in terms of the relationships you can build with your professors and other students."

Through her veterinary studies at the University of Melbourne, she's been able to work with Vets Borders and Borders and recently spent five weeks at the University California, Davis' veterinary school. She said that the international accreditation of the course was very important to her.

"The international accreditation of the degree opens up so many opportunities and makes you feel like you could go anywhere in the world. The flipside is that we train alongside a lot of North American students in Melbourne. The whole international side of things is a really awesome part of the program."

Year 12 prerequisite subjects for Bachelor of Agriculture

Units 3 & 4: A study score of at least 25 in English/English Language/Literature or at least 30 in ESL, and at least 25 in Mathematical Methods (CAS) or Specialist Mathematics or at least 30 in Further Mathematics.

Pathway Duration: University of Melbourne Bachelor of Agriculture (three years) plus the DVM (four years) with at least two subject credits equals seven years in total.

Accelerated Pathway via Bachelor of Science at The University of Melbourne

Students wishing to progress into the DVM with one year of credit, must complete the University of Melbourne's Bachelor of Science with an Animal Health and Disease major (Veterinary Bioscience specialisation) in third year. Selection of students into this specialisation is based on academic performance in science subjects in the first and second year of the Bachelor of Science. Students completing the specialisation progress into the DVM at second year level following the satisfactory completion of all subjects in the Veterinary Bioscience specialisation. Students receive one full year of credit (i.e. for all DVM first year units).

Year 12 prerequisite subjects for Bachelor of Science

Units 3 & 4: A study score of at least 25 in any English/English Literature/Language or at least at 30 in EAL, and a study score of at least 25 in Mathematical Methods (CAS) or Specialist Mathematics AND in one either Biology, Chemistry or Physics; OR

Units 3 & 4: a study score of at least 25 in English/English Language/Literature or at least at 30 in EAL, and a study score of at least 25 in both Mathematical Methods (CAS) AND Specialist Mathematics

Applicants intending to progress to the DVM are encouraged to complete VCE Units 3 and 4 in Chemistry or equivalent.

Pathway Duration: University of Melbourne Bachelor of Science (three years) plus the DVM with one year of credit (three years) equals six years in total.

Commonwealth Supported Places for Australian students

The majority of places for Australian students in the DVM will be Commonwealth Supported Places (CSPs), which are subsidised by the Australian Government. A number of Australian Fee paying places are also available. For further information, please visit: **fvas.unimelb.edu.au/dvm-fees**

International students

We welcome students from across Australia and around the world. International students typically come from Canada, Europe, South-East Asia and USA. Students must meet the University's English language requirements. For information on applying for the DVM as an international student, please visit: **fvas.unimelb.edu.au/dvm-international**

Guaranteed entry

High achieving school leavers with an ATAR (or equivalent) of 98.5 or above are guaranteed a CSP in the six-year Bachelor of Science/DVM program – provided they complete the appropriate prerequisite subjects and maintain a minimum average of 70 per cent in first and second-year science subjects.

Scholarships

A number of scholarships are available for students in the DVM program, to assist with study and living expenses, and the costs associated with undertaking veterinary placements. For further information, please visit: **fvas.unimelb.edu.au/scholars**

Applications

Applications must be made online to the Faculty of Veterinary and Agricultural Sciences for the graduate DVM and, for current second year level BSc students of the University of Melbourne, the Veterinary Bioscience specialisation.

Applications for Australian students will be open from August to September each year. International applications open in January and close in mid-December for entry at the start of the following academic year (February). To make an application, please visit: **fvas.unimelb.edu.au/dvm**

For information about applying for the Bachelor of Science, the Bachelor of Agriculture or other undergraduate programs at the University of Melbourne, please visit: **www.futurestudents.unimelb.edu.au/courses/undergraduate**

Melbourne DVM graduates launch rewarding careers

In addition to working in private veterinary practice, the Melbourne DVM opens up a variety of exciting career paths. This is because of the focus our Track program provides as well as the wealth of clinical and practical experience built in to the DVM program:

- Agricultural industries
- Animal welfare agencies
- Government services, departments and agencies
- Pharmaceutical companies and industry
- Research
- Tertiary and professional development education

Join our Pre-Vet Club

Are you currently studying or have you just graduated from a science-based degree? Interested in becoming a veterinarian? Want to explore what's possible and what's involved? Join our pre-vet club!

- Meet our world-class staff and friendly current students
- Attend customised lectures and webinars
- See our University of Melbourne Veterinary Hospital in action
- Network with like-minded enthusiasts from all over the world.

To register, simply complete the online form at: **fvas.unimelb.edu.au/study/pre-vet-club**

For more information

For further information on the Doctor of Veterinary Medicine, please contact:

Faculty of Veterinary and Agricultural Sciences

Phone: **13 MELB (13 6352)** or **+61 3 9035 5511**

Online: **fvas.unimelb.edu.au/dvm**

*Times Higher Education World University Rankings 2014-2015.

**QS World University Rankings 2014-2015.

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