



THE UNIVERSITY OF  
MELBOURNE

# The Doctor of Veterinary Medicine



## WELCOME FROM THE DEAN **Professor Ken Hinchcliff**

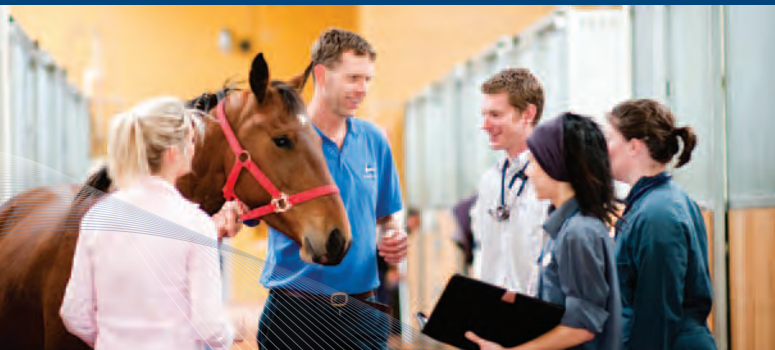
The University of Melbourne begins teaching its exciting new veterinary program, the Doctor of Veterinary Medicine, in 2011.

When you study veterinary science at the University of Melbourne, you do so at one of the world's finest universities, and in a school of veterinary science that ranks with the best in the world. The Melbourne School of Veterinary Science was the first Australian veterinary school and has a long history of graduating leading veterinarians and conducting ground-breaking research. However, we are not resting on our laurels but rather have developed an exciting, new, contemporary veterinary program that draws on our century of experience and is informed by current international best practice in veterinary science, tertiary learning and teaching. It is our strong belief that veterinary programs must evolve and change to remain relevant and ensure graduates are equipped with the personal, professional and scientific skills to excel in veterinary science in the 21st century.

The new Doctor of Veterinary Medicine demonstrates this forward-thinking approach to veterinary education and preparation for a life-long career in veterinary science. Our program is the first in Australia to bring the study of veterinary science in line with the best overseas models but with important modifications to ensure that it provides higher-level theoretical and practical training that is relevant both within Australia and world-wide.

There has never been a better time to enter veterinary science at the University of Melbourne. This brochure provides an overview of our new Doctor of Veterinary Medicine program. Should you require any further information please contact the Faculty of Veterinary Science.





# A REVOLUTIONARY PROGRAM FOR THE 21ST CENTURY

## THE DVM MEANS...

- A curriculum that embraces the latest clinical technologies and evidenced-based practices.
- An interesting range of study areas taught in a stimulating way – tapping into the wealth of experience of our team of expert veterinarians.
- International recognition through accreditation by Australian, North American and British agencies, allowing graduates to easily work overseas.
- An internationally recognised and trained staff with extensive experience in veterinary education, advanced practice and research.
- A practical and hands-on focus, including a final year of lecture-free practical training in our Veterinary Hospital and at other approved sites.
- Accessibility for local, rural and international students.
- Opportunities to pursue scientific investigations in a dynamic research environment.
- A strong cohort experience for our local and international students, with active mentorship by our dedicated teaching staff.
- Graduates finish with two degrees: an undergraduate science degree to provide important theoretical foundations in science and the DVM for specialised graduate-level theoretical and practical training in veterinary science.
- Excellent networking, placement and employment opportunities arising from our strong national and international links with the veterinary profession, agricultural and animal health industries and research agencies.
- Flexible, knowledgeable and capable graduates.

## TURN A PASSION FOR ANIMALS INTO A WORLD-CLASS EDUCATION

### Experienced

As a student at the Melbourne School of Veterinary Science, you can share in and benefit from our reputation for excellence in teaching and research.

### Diverse

Our students come from across Australia and around the world. International students comprise 30 per cent of the student population and typically come from Canada, USA, South-East Asia and Europe. This diversity ensures that our graduates are aware of the importance of cultural differences in our global society.

### Unique

Our unique culture and sense of community foster strong bonds between teaching staff and students – relationships which graduates can rely on in years to come. Students are actively encouraged to pursue their interests by a team of committed teaching staff. Students also develop and maintain life-long friendships with their fellow students. Our active veterinary alumni organisation is a testament to these life-long bonds.

### Passionate

At the Melbourne School of Veterinary Science, our passion is about advancing animal, human and environmental well-being, and ensuring our wealth of knowledge is transferred to each new generation of veterinary scientists and to the community.

Our teaching staff – many of whom are world leaders in their field – are approachable and enthusiastic. This passion and dedication is reflected in veterinary science's exceptionally strong performance in student and graduate satisfaction surveys.

### International

The quality of our current program is reflected in its accreditation by the Australasian Veterinary Boards Council, the Royal College of Veterinary Surgeons (UK) and the American Veterinary Medical Association. We are one of only three veterinary schools in Australia to be accredited by all of these agencies. Accreditation allows our graduates to practise in many other countries without further qualification.

### World class

Our veterinary education programs, clinical teaching and hospital facilities are comparable to any internationally. Our students learn and practise clinical skills in one of Australia's leading veterinary hospitals (based at our Werribee campus). The Veterinary Hospital includes a general practice, referral practice, equine centre and a 24-hour small animal emergency and critical care service. Its facilities include state-of-the-art diagnostic imaging capabilities and on-site diagnostic pathology laboratories.



The new Doctor of Veterinary Medicine (DVM\*) is a graduate entry veterinary science program that commences in 2011. It replaces the Bachelor of Veterinary Science as the degree for those wishing to qualify as a veterinarian.

With a completely revitalised curriculum, the DVM program is the first of its kind in Australia. The program is part of the ground-breaking "Melbourne Model", in which important undergraduate academic foundations are laid before specialisation at the graduate level. This makes the University of Melbourne unique in Australia and at the cutting edge of international educational trends.

## ENTRY PATHWAYS

From 2011, training in veterinary science will be offered via graduate entry into the DVM or through the Veterinary Bioscience specialisation of the Bachelor of Science.

The chart below outlines the pathways into the DVM.

### BACHELOR OF SCIENCE DEGREE

from the University of Melbourne

#### Year 12 prerequisite subjects:

VCE Units 3 & 4 (or equivalent) English, Maths Methods and one of Biology, Chemistry (strongly recommended for progressing to the DVM) or Physics.

Bachelor of Science students wishing to progress into the DVM must complete the Animal Health and Disease major (Veterinary Bioscience specialisation) in third year. Entry to this major specialisation is based on academic performance in science subjects in the the first and second year of the Bachelor of Science.

OR

### A SCIENCE DEGREE

from the University of Melbourne or another institution

This can be any science degree that includes at least one semester of study in each of cellular or general biology, and biochemistry.

Application for entry into the full DVM program (four years). Selection will be based on results from the last two years of tertiary study (weighted 75:25 towards the final year subjects.)

## DOCTOR OF VETERINARY MEDICINE

### First year (Parkville campus)

An integrated and systems-based study of the structure, function, disease processes and pharmacology of each of the body systems of mammals, alongside an introduction to the determinants of animal health, and consideration of animal health in production animal systems.

### Second year (Parkville campus)

The exploration of the ethical dimensions of animal welfare and management. Acquiring skills in clinical examination and interpretation of physiological data, as well as a range of technical veterinary abilities.

### Third year (Werribee campus and Veterinary Hospital)

Introduction to the principles of clinical practice and to species-based medicine and surgery.

### Fourth year

A practical year conducted under supervision in the Veterinary Hospital and via external placements. Students apply their course knowledge to clinical cases. Includes a final, intensive two-week professional practice program, which consolidates knowledge and prepares graduates for their transition to the work force.

Guaranteed entry into the DVM following satisfactory completion of all subjects in the Veterinary Bioscience specialisation with one year of credit (first year units)

**Duration:** Bachelor of Science (three years) plus the DVM with one year of credit (three years) = **six years**

\* Pending Academic Board approval

# THE DOCTOR OF VETERINARY MEDICINE

## FORGE A REWARDING CAREER

Whether you wish to work as a practising veterinarian in a clinical setting or as a veterinary research scientist in universities, pharmaceutical companies and government services across the globe, the DVM opens up exciting opportunities.

Melbourne School of Veterinary Science graduates are highly employable. In 2007, 98% of our graduates were employed in the veterinary profession, in comparison to an employment rate of 94% for graduates of veterinary science nationally.\*



Via the DVM program, the Veterinary School aims to produce graduate veterinarians who:

- seek solutions to problems by applying broad scientific knowledge and in-depth veterinary science knowledge
- generate new ideas
- display integrity and honesty with colleagues, the general public and clients
- demonstrate empathy and concern for animals and people
- are motivated to become leaders in their field and in their communities
- are trained in all disciplines and aspects of veterinary science but also adapt to changes and advancements in the field
- are confident in their veterinary capabilities at graduation
- are aware of the global society and equipped to contribute to it
- are graduates of choice for employers.

## Guaranteed Entry

High achieving school leavers with an ENTER (or equivalent) of 98.5 or above are guaranteed a Commonwealth supported place in the 6-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.

## Commonwealth Supported Places for Australian students

The majority of places for Australian students in the DVM will be Commonwealth supported. A Commonwealth supported place is subsidised by the Australian Government. The subsidy covers the majority of the cost of the course, with the student paying the remaining portion. For further information visit: [www.futurestudents.unimelb.edu.au/grad/grad/apply/aust/financial](http://www.futurestudents.unimelb.edu.au/grad/grad/apply/aust/financial)

## Scholarships

A number of scholarships are available. For further information please visit: [www.vet.unimelb.edu.au/scholarships/DVM](http://www.vet.unimelb.edu.au/scholarships/DVM)

## Applications

For information about applying for entry to the Bachelor of Science or other undergraduate science programs at the University of Melbourne, visit: <http://www.futurestudents.unimelb.edu.au/ugrad>

Applications for the graduate DVM and Veterinary Bioscience specialisation must be made online to the School of Veterinary Science. Applications for Australian students will be open from August to September each year and international students may apply for entry at any time.

\*Source: Graduate Destination survey of 2007 graduates

### FOR FURTHER INFORMATION

**For further information on the DVM, please contact School of Veterinary Science.**

Phone: + 61 3 8344 7357

Online enquiry: <http://vet-unimelb.custhelp.com>

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Authorised by the General Manager, Faculty of Science, 2009.

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