THE UNIVERSITY OF MELBOURNE

VETERINARY SCIENCE
AT THE UNIVERSITY OF MELBOURNE

AMERICAN VETERINARY MEDICAL ASSOCIATION (AVMA) ACCREDITED

1 YEAR PRE-VETERINARY STREAM, PLUS 4 YEARS VETERINARY SCIENCE

Veterinary Science is concerned with the scientific basis of animal production, health and disease. The Bachelor of Veterinary Science course educates you to the highest international standards, and prepares you for careers in professional work, research and public service.

WHY STUDY VETERINARY SCIENCE AT MELBOURNE?

- The Faculty of Veterinary Science has a **long history of excellence in veterinary education and research**. The Melbourne Veterinary College, the first veterinary school in Australia, was established in 1888, and teaching transferred to the University in 1908.
- For students who wish to pursue a career in the USA or Canada, we offer a major advantage as we are one of only three veterinary schools in Australia currently accredited by the **American Veterinary Medical Association (AVMA)**. This means that our graduates are eligible to sit the North American Veterinary Licensing Examination along with graduates from accredited veterinary colleges in the United States and Canada.
- The course is also accredited by the **Royal College of Veterinary Surgeons (UK)**, and by the **Australasian Veterinary Boards Council Inc.** These accreditations reflect the high quality and international standing of the course and permits graduates of the course to work as veterinarians in a wide range of countries including Australia, New Zealand and the United Kingdom.
- The course consistently achieves high ratings in the University's Quality of Teaching and Course Evaluation Questionnaires, which survey the quality of teaching and the 'whole course' experience.
- **Industry linked learning, practical components and internship opportunities** – you will gain experience in animal handling, care and management and professional work experience between semesters and academic year, as well as having hands-on experience throughout the course. The school also has strong programs in dairy cattle medicine (including a teaching facility at the Maffra dairy cattle practice), and in sheep and beef cattle medicine.
- **Our recently renovated, state-of-the-art teaching hospital** has been designed to support top-class veterinary education in the 21st century. The hospital has a large caseload, with small animal referral and community practice services and a busy equine centre. Facilities at the teaching hospital located at the Werribee campus include ten consulting rooms, modern diagnostic capabilities including endoscopy, CT, image intensification, scintigraphy, on-site diagnostic pathology laboratories and a 24 hour small animal emergency and critical care unit.

www.vet.unimelb.edu.au

VETERINARY SCIENCE

AT THE UNIVERSITY OF MELBOURNE

WHAT WILL I STUDY?

Entry is only possible in Semester One (March). Years 1 and 2 are taught at the Veterinary Preclinical Centre in Parkville. Years 3 and 4 are taught at the Veterinary Clinical Centre in Werribee.

Pre-Veterinary Year - Basic sciences

- Biology
- Chemistry
- Physics (alternative levels available)
- Electives

Year 1 - Normal body function; introduction to the veterinary profession

- Anatomy 1 A&B
- Physiology 1 A&B
- Biochemistry A&B
- Animal Health Management & Welfare 1 A&B
- Veterinary Professional Studies

Year 2 - Normal function continued; introducing the abnormal; the clinical approach to health and disease

- Anatomy 2
- Physiology 2
- Pharmacology & Toxicology A&B
- Animal Health Management & Welfare 2 A&B
- Pathology A&B
- Microbiology and Virology
- Bacteriology and Mycology
- Parasitology A&B
- Introduction to Clinical Sciences

Year 3 - Clinical medicine and surgery; diseases of body systems (Semester 1); health welfare and production by species (Semester 2)

- Animal Health Management & Welfare 3
- Clinical Medicine & Surgery
- Diseases of Body Systems 1 & 2
- Dogs, Cats & Miscellaneous Pets 1
- Pigs
- Horses 1
- Cattle 1
- Small Ruminants 1
- Professional Practice 1 (Hospital)

Year 4 - Continues health, welfare andproduction by species (Semester 1); clinical practice electives (Semester 2)

- Dogs, Cats & Miscellaneous Pets 2
- Horses 2
- Cattle 2
- Small Ruminants 2
- Birds & Non-Domestic Animals
- Professional Practice 2 (Hospital)
- Professional Practice 3 (Electives)

www.vet.unimelb.edu.au

ENTRY REQUIREMENTS

There are two routes of entry into the Bachelor of Veterinary Science course

Applying for the Pre-Veterinary Science Stream

Canadian students:

In the Canadian Year School Certificate/ Canadian Pre-University Program, a score of around 90% in each of English (ENG 4U or 3U or 3C), and Chemistry and in either: Physics; or Advanced Functions & Calculus (MCB4U) and Mathematics of Data Management (MDM4U).

International Baccalaureate – North America:

English, Chemistry and one of Physics, Mathematical Methods (standard level) or Mathematics (higher level). *Except where specified all prerequisite subjects can be undertaken at either Standard or Higher level. Standard Level prerequisites must be passed to at least a Grade 6 and Higher Level passed to a Grade 5.*

Applying for advanced entry into the BVSc year 1:

Students from North America generally apply for advanced entry into the BVSc year 1 having studied for two years at a North American university.

Students who have partially or fully completed university studies must have successfully completed the prerequisite subjects of Biology, Chemistry and Physics at first-year level equivalent to the Pre-Veterinary Year studies (refer to 'What will I study?').

Alternatively, with appropriate school level subjects, Pre-Veterinary entry may be available to students with university studies but without the prerequisites. Selection then will be based on end of school and University results.

WHAT ARE MY CAREER PROSPECTS?

The course will provide you with the core competencies to be a skilled and talented veterinarian and opens up a plethora of career options including agricultural, companion animal and equine practice, wildlife work, specialty training, research and government work. Our success is demonstrated by the very high employment rates for our graduates.

WHAT WILL IT COST?

For information in relation to international course fees please visit - *http://futurestudents.unimelb.edu.au/int/fees/*

FOR MORE INFORMATION

For further information please visit our website *www.vet.unimelb.edu.au*, email us directly on *http://vet-unimelb.custhelp.com* or call us directly on + 61 3 8344 7357

The University's handbook, which provides further information including details of individual subjects may be found at *http://www.unimelb.edu.au/HB/facs/VET.html*

The University of Melbourne School of Veterinary Science

The information in this publication was correct at the time of printing. The University reserves the right to make changes as appropriate.

Authorised by: Academic Programs Manager, School of Veterinary Science, October 2007.

CRICOS:00116K