

# BIOVETERINARY SCIENCE

KPT/JPT(N/0841/6/0001)07/2029 | MQA/PSA17574

## A pioneering journey awaits in the world of animal health and scientific discovery

Welcome to IMU's new and exciting Bioveterinary programme. Standing as a beacon of excellence, it combines biology and veterinary medicine, giving you a holistic understanding of animal health and welfare. Take a journey of discovery, where the latest biological sciences meet the intricacies of veterinary medicine. Well-equipped facilities, hands-on learning and rigorous research will equip you to be the next generation of veterinary bioscientists. Come embark and explore the forefront of veterinary science with our Bioveterinary Science programme and gain the expertise needed to impact global animal health and welfare.

### Degree / Duration

Bachelor of Science in Bioveterinary  
Science (Honours) (IMU)  
3 years

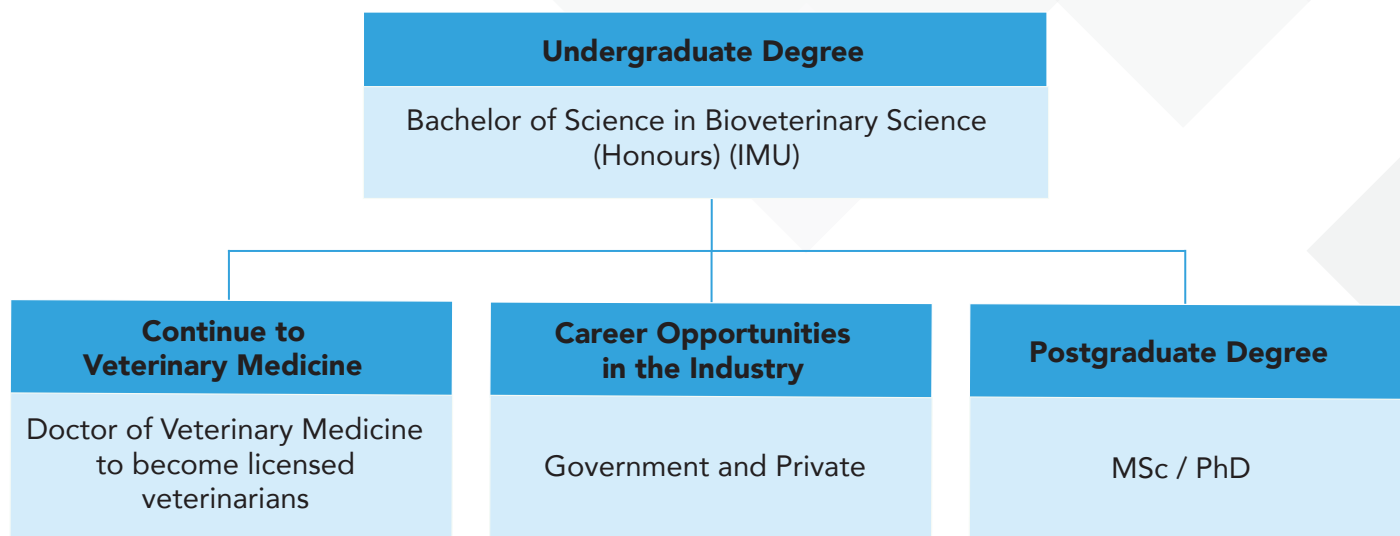
### Commencement

Jul / Sep

## ◆ Career Pathways

Graduates of this programme will have a wide array of career opportunities within the animal industry. This includes roles as veterinary paraprofessionals, animal welfare officers, and farm managers. These positions require the application of acquired knowledge and skills directly in the field. Proficiency in psychomotor abilities, especially in animal handling and care, makes graduates highly sought after in animal clinics, research institutions, and livestock management. Graduates can also pursue further studies in veterinary medicine, scientific research, or related disciplines. Their knowledge foundation allows for advanced studies and careers in fields such as animal science, sociology, epidemiology, public health or public policy.

## Career Pathway



Key Areas	Occupation	Scope of Work
Veterinary Clinics / Hospitals / Zoos / Aquariums	Veterinary Technician Veterinary Nurse	Graduates may work in veterinary clinics and hospitals to assist veterinarians in their role to provide and maintain animal health and well-being.
Animal Health and Nutrition	Animal Nutrition Specialist Pharmaceutical Sales Executive	Graduates may work in companies that focus on developing and producing animal feed, supplements, and healthcare products. Graduates may work in roles related to animal nutrition, product development, or sales.
Public Health	Assistant Veterinary Officer Food Inspection Officer	Graduates may work in public health/government departments to address zoonotic diseases (transmitted between animals and humans). Graduates may contribute to disease surveillance, prevention, and control efforts.
Regulatory Affairs	Regulatory Affairs Specialist	Graduates may work for government agencies or private companies involved in ensuring compliance with regulations related to animal health, food safety, and pharmaceuticals.
Livestock Production	Farm Manager	Graduates may work with agricultural enterprises to enhance the health and productivity of livestock through disease prevention and management.
Laboratory Diagnostics	Laboratory Technician	Graduates may work in laboratories conducting diagnostic tests and research related to animal diseases. This can include roles in pathology, microbiology, and molecular biology.
Wildlife Conservation	Wildlife Conservation Officer	Graduates may work in wildlife conservation organisations, national parks, and government agencies to protect and manage the health of wild animal populations.
Animal Research	Research Technician	Graduates may work in research institutions, pharmaceutical companies, and biotechnology firms.
Animal Welfare	Animal Welfare Officer Animal Shelter Manager	There are also opportunities to engage in outreach programmes related to animal health, welfare, and responsible pet ownership.

# Programme Structure

## Short Semester

Philosophy & Current Issues  
Penghayatan Etika & Peradaban  
Bahasa Melayu Komunikasi 2  
Academic Writing  
Integrity & Anti-Corruption

## Semester

1

Animals in Context 1: Husbandry, Handling, Welfare & Ethics  
Professional Skills 1: The Veterinary & Animal Industry Professional  
Architecture & Functional Systems: Evolution, Genetics & Cells  
Feed & Feeding I  
Principle of Animal Production

## Semester

2

General Pathology  
Cardiorespiratory System: Anatomy, Physiology, Pathology & Microbiology  
Hemopoietic & Endocrine System: Anatomy, Physiology, Pathology & Microbiology  
Feed & Feeding II  
Food Security  
General Microbiology

## Semester

3

Alimentary System: Anatomy, Physiology, Microbiology & Pathology  
Reproductive & Renal System: Anatomy, Physiology, Microbiology & Pathology  
Animals in Context 2: Husbandry, Handling & Animal Behaviour  
Trade Practice 1: Preparation for Industry; OR Clinical Practice 1: Introduction to Veterinary Clinical Skill  
Research Design & Methodology

## Semester

4

Musculoskeletal & Integument System: Anatomy, Physiology, Pathology & Microbiology  
Animals in Context 3: Veterinary Public Health & Livestock Management  
Nervous System & Special Senses: Anatomy, Physiology, Pathology & Microbiology  
Technology in Health & Disease: Engineering & Data Science for Animal Health & Production  
Special Study

## Semester

5

Professional Skills 2: Communications, Business Management and Regulatory Affairs  
Animal Health Practices 1: Introduction to Pharmacology, Prescribing Practices & Nursing Care  
Animal Health Practices 2: One Health  
Trade Practice 2: Preparation for industry; OR Clinical Practice 2: Preparation for Clinics  
Social Responsibility

## Research Short Semester

Research Project 1  
Research Project 2

## Semester

6

Transition to Practice: Animal Science & Production / Research; OR Transition to Practice: Veterinary Health

## Assessment

The Bioveterinary Science programme incorporates formative and summative assessments such as written end-of-semester examinations, assignments, presentations, and practical reports. This approach ensures students acquire a wide range of skills, gain practical experience, and obtain a comprehensive education at IMU.

## Programme Fees

### Fees Overview

All fees quoted are in Ringgit Malaysia unless stated otherwise.

Fee	Amount (RM)	
	Malaysian Student	International Student
Application Fee	150	500
Registration Fee	850	2,000
Refundable Caution Deposit	2,000	2,000

• Application fee is payable upon submission of application • Registration fee and refundable caution deposit are payable upon acceptance of the offer letter issued by the IMU Admissions Office • As stipulated by the Malaysian Ministry of Education, international students are required to pay Student Visa Administration fee of RM3,000 AND personal bond upon registration • International students will also be required to pay Student Visa Renewal fee every year • Students must adhere to the "Policy on Payment of Fees" • All students are required to pay Student Association Fee of RM40 per semester which will be subject to annual increase • All fees are subject to currency exchanges rates and exclusive of levy and bridging fees (if any) • Application fee and Registration fee is non refundable • All students who are applying for the National Higher Education Fund (NHEF) loans are required to pay their semester fees in FULL by the due date stated in the invoice.

### Tuition Fees

	Total Duration (years)	At IMU University					
		Years	Total Semesters	Tuition Fee			
				Malaysian Student		International Student	
				Per Semester	Total	Per Semester	Total
Bachelor of Science in Bioveterinary Science (Honours) (IMU)	3	3	5 long semesters	35,050	210,300	37,300	222,750
			1 Research Short Semester	17,525		18,125	
			1 Transition to Practice	17,525		18,125	

#### Bursary Opportunities

• A bursary of RM30,000 will be deducted equally from Semester 2 onwards. The bursary is awarded at the University's discretion, and its decision is final.

The fees for the industrial track of this programme will be provided soon.

#### IMU University DU006(W)

Formerly known as International Medical University

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The IMU has been certified with ISO21001:2018 and ISO 45001:2018 for the provision of Pre-University, Undergraduate and Postgraduate Programmes for the Medical and Healthcare Professions.



Want to learn more? Connect with us today!

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