

BIOVETERINARY SCIENCE

KPT/JPT I MOA

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. State-of-the-art facilities, hands-on learning and rigorous research will equip you to be the next generation of veterinary bioscientists. Come embark on this transformative adventure of curiosity and compassion.

Degree / Duration

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

Commencement

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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.



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.

♦ Opportunities for Bioveterinary Scientist

The career opportunities for graduates of this programme include:

Key Areas	Scope of Work	
Veterinary Technician / 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	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	Graduates may work in public health departments to address zoonotic diseases (transmitted between animals and humans). Graduates may contribute to disease surveillance, prevention, and control efforts.	
Regulatory Affairs	Graduates may work for government agencies or private companies involved in ensuring compliance with regulations related to animal health, food safety, and pharmaceuticals.	
Education and Outreach	There are also opportunities to engage in outreach programmes related to animal health, welfare, and responsible pet ownership.	
Livestock Production	Graduates may work with agricultural enterprises to enhance the health and productivity of livestock through disease prevention and management.	
Laboratory Diagnostics	Graduates may work in laboratories conducting diagnostic tests and research related to animal diseases. This can include roles in pathology, microbiology, and molecular biology.	
Zoos and Aquariums	Graduates may work in animal health management, nutrition, and enrichment.	
Wildlife Conservation	Graduates may work in wildlife conservation organisations, national parks, and government agencies to protect and manage the health of wild animal populations.	
Animal Research	Graduates may work in research institutions, pharmaceutical companies, and biotechnology firms.	
Veterinary Medicine	Graduates may further pursue a Doctor of Veterinary Medicine (DVM) degree as a career pathway to become licensed veterinarians.	

Programmme Structure

MPU Semester

Philosophy & Current Issues

Penghayatan Etikah & 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

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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



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



Fees Overview

All fees quoted are in Ringgit Malaysia unless stated otherwise.

For	Amount (RM)		
Fee	Malaysian Student	International Student	
Application Fee	300	950	
Registration Fee	1,300	3,400	
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 Application fee of RM2,500 AND personal bond (depending on nationality) 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 Fees of RM40 per semester • All tuition and ancillary fees are subject to annual increases, currency exchange 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

IMU University (Formerly known as International Medical University)
126, Jalan Jalil Perkasa 19, Bukit Jalil 57000 Kuala Lumpur, Malaysia

KP/JPS/5195/US/2, KP(JPS)/DFT/US/W03





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! Every effort has been made to ensure the accuracy of the information given in this brochure but it is subject to alteration without notice. The University reserves the right to alter or delete any of the information included at any time and it shall not be bound by any errors or omissions and cannot accept liability in respect thereof. Please visit www.imu.edu.my for the most up-to-date information.

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