



INTERNATIONAL MEDICAL UNIVERSITY  
MALAYSIA

SCHOOL OF  
POSTGRADUATE STUDIES



MEDICAL &  
HEALTH SCIENCES  
*(MSc/PhD by Research)*

2017

# What Is IMU's Medical & Health Sciences (by Research) Programme About?

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## Overview

Postgraduate research forms a major part of IMU's activities in its role as a leader in healthcare provision and innovation. Working for a higher degree in research gives students the opportunity to acquire in-depth, specialised knowledge and to apply leading-edge techniques and methodologies. The University prides itself on the facilities and support it provides to research students and on the calibre and dedication of its academic, clinical and technical staff. IMU researchers produced 221 publications in 2015, of which 151 (68.3%) were in indexed journals and 20 were books or book chapters. Of the indexed papers, 48 were in Tier 1, 39 in Tier 2, 33 in Tier 3 and 9 in Tier 4 journals. The total impact factor (IF) obtained for the indexed papers was 227.143.

The University allocates more than RM1 million internal funds for research every year. Alongside this commitment, external funding has increased dramatically from funding bodies such as Ministry of Higher Education (MOHE) and Ministry of Science, Technology and Innovation (MOSTI) in recent years. Our researchers have received funding for collaborative research projects in nasopharyngeal carcinoma, colorectal carcinoma, breast cancer, infectious diseases and environmental health.

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## DEGREE / DURATION

**MSc in Medical & Health Sciences (by Research) —**  
1 – 4 years (full-time),  
2 – 6 years (part-time)

**PhD in Medical & Health Sciences (by Research) —**  
2 – 6 years (full-time),  
4 – 8 years (part-time)

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## COMMENCEMENT

**Throughout the year**

## A Word from the Dean

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“The IMU postgraduate programme leading to the MSc and PhD in Medical and Health Sciences is primarily obtained through research. Research areas include bioactive molecules, vaccine and drug development, therapeutics, pharmaceuticals, cellular mechanisms and molecular basis of pathogenesis, clinical research, community based health issues, nutrition and dietetics, behavioural studies, and medical education. Supervisors are highly experienced faculty members with impressive track record in research and international recognition.”

**PROF CHU WAN LOY — Dean, School of Postgraduate Studies**  
BSc (Hons) Biochemistry (UKM), PhD (UM)

# How Does the Programme Work?

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## Medical & Health Sciences (by Research) Programme Structure

The areas of research expertise of the IMU faculty are as follows:

- Cancer / Oncology
- Environmental Health
- Molecular Biology / Biotechnology
- Biochemistry
- Microbiology
- Clinical Research
- Infectious Diseases
- Psychology
- Pharmaceutical Sciences
- Chronic Diseases
- Community Health
- Building-Related Illnesses
- Human and Medical Genetics

The selection of supervisor(s) will depend very much on the research area and be based on mutual agreement between both parties. The principal supervisor must be engaged within IMU whereas a co-supervisor can be from any established institution. All supervisors are subject to the credentialing guidelines of IMU.

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## Assessment

Both programmes are research-based and degrees will be awarded by IMU on successful completion of a thesis. Examination is by assessment of the thesis, and includes an oral examination of the contained research.

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## Entry Requirements

### MSc in Medical & Health Sciences

A bachelor's degree with minimum cGPA of 2.75 or equivalent, as accepted by the University's Senate; or

A bachelor's degree or equivalent with minimum cGPA of 2.50 and not meeting cGPA of 2.75, can be accepted subject to rigorous internal assessment; or

A bachelor's degree or equivalent not meeting cGPA of 2.50, can be accepted subject to a minimum of 5 years working experience in relevant field.

### PhD in Medical & Health Sciences

A Master's Degree accepted by the University's Senate; or

Other qualifications equivalent to a master's degree that are accepted by the University's Senate.

#### Note

- There shall be no direct entry from bachelor's degree level to doctoral degree level.
- Candidates registered for master's degree with at least cGPA 3.67 at bachelor's degree level may apply to convert their candidature to the doctoral degree programmes subjected to:
  - having shown competency and capability in conducting research at Doctoral Degree level.
  - approval by the University's Senate.

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## English Language Requirements

The Standard English Proficiency requirements for IMU programmes are usually, overall band scores of IELTS 6.0 or TOEFL 550 (PBT) or 79 (IBT), TOEIC 620, Pearson 55 (PTE), Cambridge 45 (CPE) or 52 (CAE) or MUET band 4 or any other recognised English language qualification. IMU also admits international students from countries in which English is the first language or from any Malaysian or international institutions where the curriculum is conducted fully in English.

All students at entry who do not have proof of any of the above recognised competencies in the English language will be required to sit for an English Placement Test to assess their language competency. If any of the students fail the English Placement Test then they will be required to attend a course on Academic Writing. The English Placement Test and the Academic Writing Module are offered at a cost.



**Top:** Studying in IMU gives postgraduate students the opportunity to take on a project that involves chemical analysis using various scientific instruments.

**Above:** Postgraduate students involved in community-based project collect data by interviewing their subjects and conducting questionnaire survey.

**Right:** Studies on microorganisms are an interesting area of postgraduate research. Students will be trained to work under sterile environment in the culturing of microorganisms.



# Why Study Medical & Health Sciences (by Research) at IMU?

1

## An Established Private Healthcare University

IMU is Malaysia's first and most established private medical and healthcare university with over 24 years of dedicated focus in healthcare education. IMU offers a range of postgraduate programmes and research in a number of subject areas related to health and healthcare solely by completion of a research-based thesis or a combination of coursework and completion of a research-based thesis.

2

## Renowned and Highly Experience Faculty

Students will be supervised by staff who are experts in their field with well-established reputations nationally and internationally. The academic community of IMU pursues and achieves excellence in a wide range of research activities. Many of them present their findings in international conferences to keep up to date with the latest development in specialised areas. They also publish their findings in international peer-reviewed journals.

3

## Research Funding

Our researchers have successfully obtained external funding through government grants such as the Fundamental Research Grant Scheme (FRGS), Exploratory Research Grant Scheme (ERGS) and ScienceFund. In addition, internal grants worth more than RM1,000,000 per year are invested to support research at IMU.

4

## Research Facilities

The IMU has good infrastructure and facilities to support research. There are eight Research Laboratories and eight tissue culture laboratories for medical research with a total floor space of 26,000 sq ft. The University also has an animal storage facility with expanded space (about 770 sq ft) and state-of-the-art caging and maintenance of experimental animals. Adequate funding support for research facilities is provided.

5

## Research Partnerships

Students will benefit from the University's research collaborations with various local and foreign institutions in areas such as cancer, bioactive molecules, nutrition and environmental health. Close links have also been established with local hospitals, especially Hospital Tuanku Ja'afar in clinical research.

# How Much Does It Cost?

## Medical & Health Sciences (by Research) Programme Fees

All fees quoted are in Ringgit Malaysia unless stated otherwise.

All IMU alumni who are self-funding their postgraduate studies and meet the eligibility criteria will be eligible for a reduction in tuition fees.

### FEES OVERVIEW

Fee	Amount (RM)	
	Malaysian Student	International Student
Application Fee	150	500
Registration Fee	850	2,000
Refundable Caution Deposit	1,000	1,000
Student Association Fee per Semester	40	40
Tuition Fee per Semester	<b>MSc in Medical &amp; Health Sciences (by Research)</b>	
	5,500	10,750
	<b>PhD in Medical &amp; Health Sciences (by Research)</b>	
	7,200	14,050

- 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.

### FEES BY PROGRAMMES

Programme	Total Duration (years)	Amount (RM)	
		Malaysian Student	International Student
<b>MSc in Medical &amp; Health Sciences (by Research)</b>			
Tuition Fee per Semester	1 – 4 years (full-time) 2 – 6 years (part-time)	5,500	10,750
Examination Fee		2,000	2,100
<b>PhD in Medical &amp; Health Sciences (by Research)</b>			
Tuition Fee per Semester	2 – 6 years (full-time) 4 – 8 years (part-time)	7,200	14,050
Examination Fee		2,500	2,600

#### Note

There are 2 semesters in a university year.

## Contact Us

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www.imu.edu.my

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## Programmes at IMU

### Pre-University

Foundation in Science  
KPT/JPT(N/010/3/0186)09/2018

### Undergraduate

Medicine  
KPT/JPT(R/721/6/0033)09/2019

Dentistry  
KPT/JPT(R/724/6/0010)10/2020

Pharmacy  
KPT/JPT(R/727/6/0050)09/2019

Pharmaceutical Chemistry  
KPT/JPT(R/442/6/0003)01/2018

Dietetics with Nutrition  
KPT/JPT(R/726/6/0021)09/2017

Nutrition  
KPT/JPT(N/726/6/0011)06/2017

Biomedical Science  
KPT/JPT(R/421/6/0011)12/2017

Medical Biotechnology  
KPT/JPT(R/545/6/0014)09/2017

Psychology  
KPT/JPT(R/311/6/0013)09/2017

Chiropractic  
KPT/JPT(R/726/6/0054)08/2019

Chinese Medicine  
KPT/JPT(R/721/6/0059)01/2020

Nursing Science  
(for registered nurses)  
KPT/JPT(R/723/6/0101)01/2019

### Postgraduate

Public Health (MSc)  
KPT/JPT(R/720/7/0077)09/2020

Analytical & Pharmaceutical  
Chemistry (MSc)  
KPT/JPT(N/442/7/001)01/2017

Molecular Medicine (MSc)  
KPT/JPT(N/421/7/0010)07/2017

Pharmacy Practice (Master)  
KPT/JPT(N/727/7/0051)03/2019

Medical & Health Sciences  
(MSc & PhD by Research)  
KPT/JPT(R/721/8/0043)01/2020  
KPT/JPT(R/720/7/0049)06/2019

Health Professions Education (HPE)  
(Postgraduate Certificate/  
Postgraduate Diploma/Master)  
KPM/JPT(N/145/7/0066)09/2020  
KPM/JPT(N/145/7/0064)09/2020  
KPM/JPT(N/145/7/0070)09/2020

Implant Dentistry (Postgraduate Diploma)  
KPT/JPT(N/724/7/0019)06/2021



INTERNATIONAL MEDICAL UNIVERSITY  
MALAYSIA

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ISO 9001:2008 Cert. No. KLR 0500119

The IMU has been KLR certified with MS ISO 9001:2008 for the provision of tertiary education in medicine, pharmacy and health sciences.

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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](http://www.imu.edu.my) for the most up-to-date information.

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