

# PHARMACY PRACTICE

*Master*



INTERNATIONAL MEDICAL UNIVERSITY  
MALAYSIA



**SCHOOL OF  
POSTGRADUATE  
STUDIES  
2023**

# What is IMU's Pharmacy Practice Programme About?



*A competent pharmacist with professionalism is required for the pharmacy profession in the 21<sup>st</sup> century.*

## OVERVIEW

**If you already have a first degree in pharmacy, undertaking the Master in Pharmacy Practice (MPP) can extend your knowledge and skill sets in one of four streams: Clinical Pharmacy, Social & Administrative Pharmacy, Pharmacy Management or Clinical Research.**

Stream content facilitates professional development by helping to construct conceptual-knowledge frameworks, providing purposeful practice in data generation, critical analysis, decision making; and communicating these processes to peers. These abilities are essential for practitioners at all levels, and more so for those wanting to lead and develop services, advance their practice, and build their careers and organisations.

The 'taught' component of the MPP programme should immediately be useful in your practice. This component also helps you construct a conceptual framework for analysing your practice and its development.

The research component helps build your ability to systematically think through and investigate an area of practice.

The programme is delivered in a blended mode that makes it easier for professionals to undertake formal study alongside their work and commitments. There are full and part time options.

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### DEGREE / DURATION

**Master in Pharmacy Practice**

**1 year (full-time)**

**2 - 6 years (part-time)**

### COMMENCEMENT

**March and September**

# A Word from the Programme Director

“As drug therapy experts, pharmacists provide drug therapy management services built around a partnership between the pharmacist, the patient, caregiver, physicians, and other members of a patients' healthcare team. The goals of these services are to identify and resolve actual or potential drug therapy problems for patients and promote the safe and effective use of medications and enable patients to achieve positive, targeted therapy outcomes. The Master in Pharmacy Practice is an advanced professional practice programme for experienced pharmacists that builds on prior knowledge to enhance competency for practice in their profession. The Master in Pharmacy Practice programme will develop your knowledge and skills in clinical pharmacy practice and research, pharmacy management, social and administrative pharmacy, and medicines management. The programme's ethos and culture are designed to foster self-reliance and an adult approach to learning in support of continuing professional development.”

**DR PALANISAMY SIVANANDY**

Programme Director and Senior Lecturer  
DPharm (DME), BPharm (TNMMU), MPharm (TNMMU),  
PhD (TNMMU), RPh (Ind), GCP (MY)

# How Does the Programme Work?



*Effective communication in practice has a profound effect on health outcomes as well as patient satisfaction and experience of care.*

## PROGRAMME STRUCTURE

The programme is offered in a blended mode, which means that you can undertake much of the study online, with some weekend on-campus sessions to attend face to face teaching and learning sessions. The online platform will allow you to access all the contents anytime anywhere. The face to face teaching and learning sessions will be scheduled on weekends to allow the working pharmacists to continue their job/practice and complete the master's degree.

CLINICAL PHARMACY	SOCIAL AND ADMINISTRATIVE PHARMACY	PHARMACY MANAGEMENT	CLINICAL RESEARCH
Research Methodology and Scientific Writing	Research Methodology and Scientific Writing	Research Methodology and Scientific Writing	Research Methodology and Scientific Writing
Evidence Based Practice	Evidence Based Practice	Pharmaceutical Marketing and Ethics	Evidence Based Practice
Clinical Pharmacy Practice	Social Pharmacy	Management of Healthcare Institutions	Clinical Research and Good Clinical Practice
Pharmacoeconomics	Pharmacoeconomics	Business Administration and People Management	Regulatory Affairs in Clinical Research
Clinical Pharmacy Practice and Services	Business Administration and People Management	Business Administration and People Management	Regulatory Affairs in Clinical Research
	Public Health and Governance	Pharmacoeconomics	Clinical Trial and Clinical Data Management
		Entrepreneurial Leadership	
Research Project	Research Project	Research Project	Research Project

## BLENDDED DELIVERY

Blended mode delivery enables a significant part of the Programme to be undertaken online, with some on-campus face-to-face sessions. The IMU e-learning environment (Moodle) enables online access to programme content anytime anywhere. On-campus sessions are usually scheduled on weekends.

## ASSESSMENT

Progress is evaluated using in-course assessments. These include case reports, critical reviews, assignments, projects and presentations. Assessments are aimed at developing information management and critical appraisal abilities, communication, problem solving and reflection. In the research semester, the research progress, presentation of results, dissertation and its defence are assessed. Progress towards achievement is supported by tutors via interim and summative feedback, and using explicitly communicated criteria, for example in the form of assessment rubrics.

### Careers

Clinical Pharmacist; Therapeutic area experts, Pharmacovigilance Specialist Senior Clinical Pharmacist; Health Service Researcher

Community Pharmacy Manager; Community Health Worker; Wellness Consultant; Health and Administrative Officer; Corporate Manager-Healthcare

Pharmacy Production Manager; Pharmaceutical Marketing Manager; Business Development Pharmacist; Entrepreneurial Leader;

Clinical Research Associates; Clinical Medical / Technical Writer; Clinical Research Manager; Intellectual Property Executive; Academic Career; Research Associate; New Drug Development Research

## ENTRY REQUIREMENTS

1. A Bachelor Degree in Pharmacy or its equivalent, with a cGPA of at least 2.75, as accepted by the University's Senate; or
2. A Bachelor Degree in Pharmacy or its equivalent with a cGPA of minimum 2.50 and not meeting cGPA of 2.75, can be accepted subject to rigorous internal assessment; or
3. A Bachelor Degree in Pharmacy or equivalent with minimum CGPA of 2.00 and not meeting CGPA of 2.50, can be accepted subject to a minimum of 5 years working experience in the relevant field and rigorous internal assessment.

## ENGLISH LANGUAGE REQUIREMENTS

### For International Students

1. IELTS : Band score 5.0; or
2. TOEFL (iBT) : Overall score of 42; or
3. Cambridge English : Advanced (CAE) : Overall score of 154; or
4. Cambridge English : Proficiency (CPE) : Overall score of 154; or
5. Cambridge Linguaskill : Overall score of 160; or
6. Pearson Test of English (PTE) : Overall score of 47;

### The following categories of students are exempted from the above requirements:

1. International students from countries in which English is the first language.
2. International students who graduated from any Malaysian or other institutions where the curriculum is delivered in English.

# Learn from Our Experienced Lecturers



## **A/PROF WONG PEI SE**

Associate Professor  
BPharm (Strathclyde),  
MSc ClinPharm (Strathclyde), PhD

A/Prof Wong Pei Se is a Senior Lecturer in the School of Pharmacy with over 15 years of teaching experience in the area of pharmacy practice. She is a registered pharmacist in Malaysia. Her research interests include pharmacy education and emerging roles of pharmacists. Her current projects involve better understanding of self-care in chronic disease and developing the evidence to support future roles for pharmacists.



## **SURESH SHANMUGHAM**

Head of Department,  
Department of Pharmacy Practice  
DPharm (DME), BPharm (TNMMU), MPharm (Manipal University),  
(PhD, IMU), RPh (Ind), GCP (MY)

Suresh Shanmugham has over 15 years of experience working in a diverse range of areas related to pharmacy, including the community, hospitals, and academics. His key research interests include therapeutic drug monitoring, population pharmacokinetics, precision medicine, evidence-based medicine, and patient care in community pharmacy practice. He engages in a range of teaching and research initiatives in the afore-mentioned fields.

# Learn from Our Experienced Lecturers



## **DR PALANISAMY SIVANANDY**

Programme Director and Senior Lecturer  
DPharm (DME), BPharm (TNMMU), MPharm (TNMMU),  
PhD (TNMMU), RPh (Ind), GCP (MY)

Dr Palanisamy Sivanandy is an eminent academician and researcher who has more than 15 years of teaching and research experience. He has more than 22 years of working experience in the pharmacy field and has won several national and international awards for his contributions to research and teaching. He coordinates the Management of Healthcare Institutions and Pharmacoeconomics modules. His main areas of research are patient safety, pharmacovigilance, social pharmacy, cancer research, metabolic disorders, health education, public health, social and policy research. He has won 19 international and national awards for his contributions to pharmacy teaching and research.



## **A/PROF LO YOKE LIN**

Associate Professor  
PhD (UQ, AU), MPharm (Clinical, USM, MY),  
BPharm (Monash, AU), RPh (MY), GCP (MY)

A/Prof Lo Yoke Lin is a dedicated professional with many years of combined experience as a pharmacist, educator, and researcher in hospital and university environments. She has a strong commitment to the quality use of medicines and better health outcomes. She has won several awards in research and clinical pharmacy; as well as successfully secured national research grants. Her research interests include population pharmacokinetic-pharmacodynamic studies in the hospital setting, social pharmacy, epidemiology studies, and evidence-based practice.

# What Our Graduates Say



“ I started my career as hospital pharmacist and then changed my pathway into the pharmaceutical industry. After being in the profession for almost 4 years, I decided to do my Masters to aim for a higher position in pharmaceutical company. ” **Lim Xin Yu Alumna**

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“ Learning new things gives me immense motivation. I feel that I am more independent and I learnt how to think critically, solve problems, especially during my research work. ”  
**Muhammad Danial bin Radzali Alumnus**

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“ The MPP programme widens my scope of practice. The weekend sessions of face to face classes give me a flexibility to plan my regular duties at my workplace. ” **Hng' Ting Kian Alumna**

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“ I learnt to apply evidence-based pharmacotherapy practice to my work. I felt that this programme encouraged me and prepared me to be a better pharmacist in assisting the current medical practice. ”  
**Je Chin Ying Alumna**





# Why Study Pharmacy Practice at IMU?

1

## **IMU is a Leader In Health Professions and Health Sciences Education in Malaysia**

IMU is Malaysia's first and most established private medical and healthcare university with over 31 years of dedicated focus on health related education. IMU received a 6-star SETARA-2018/2019 rating (Outstanding) by the Rating for Higher Education Institutions in Malaysia.

2

## **Programme Streams and Research Experience Relevant to Your Field**

The Programme is unique, current, relevant and immediately useful for your career, whether you are a fresh pharmacy graduate or a working pharmacist. The Programme offers streams in distinct areas of pharmacy and healthcare practice. You may undertake any one of four streams, based on your preferences, career needs and aspirations. Learning can be immediately applied, and if this is done regularly, creates a virtuous, enriching cycle of learning and continuing development.

The research topic can be selected based on your stream. Working pharmacists can undertake research in their workplace. The starting point for practice-related research is often a problem that needs to be systematically understood.

3

## **Flexibility for Working Professionals and Support For Learning**

The Programme uses a mixture of face-to-face and online interactive sessions. This blended mode provides the flexibility to combine work with postgraduate study that adds value and has the potential to significantly build your career. Also, the Programme can be undertaken part-time, from 2 to 4 years.

IMU students have access to academic experts in pharmacy and other health professions education, and can benefit from the university's research collaborations. Academic supervisory support is provided to all participants throughout the programme.

## CONTACT US

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📘 InternationalMedicalUniversity

## PROGRAMMES AT IMU

### Pre-University

Foundation in Science

KPT/JPT(R/010/3/0186)09/2023

MQA/FA3974

### Undergraduate

Biomedical Science

KPT/JPT(R3/421/6/0011)12/2027

MQA/A8230

Chinese Medicine

KPT/JPT(R2/721/6/0059)01/2027

MQA/A10260

Chiropractic

KPT/JPT(R/726/6/0054)08/2026

MQA/A9294

Dentistry

KPT/JPT(R3/724/6/0010)01/2030

MQA/FA7026

Dietetics with Nutrition

KPT/JPT(R2/726/6/0021)09/2029

MQA/A8176

Digital Health

KPT/JPT(N/482/6/0209)03/2028

MQA/PSA14380

Medical Biotechnology

KPT/JPT(R2/545/6/0014)09/2027

MQA/FA15505

Medicine

KPT/JPT(R2/721/6/0033)09/2026

MQA/FA6155

Nutrition

KPT/JPT(R2/726/6/0011)06/2027

MQA/FA1298

Nursing

KPT/JPT(R/723/6/0125)04/2027

MQA/FA8944

Pharmaceutical Chemistry

KPT/JPT(R3/442/6/0003)01/2028

MQA/A8229

Pharmacy

KPT/JPT(R2/727/6/0050)09/2026

MQA/FA8374

Psychology

KPT/JPT(R3/311/6/0013)09/2027

MQA/A8177

### Postgraduate

Acupuncture (MSc)

KPT/JPT(R/721/7/0071)03/2027

MQA/PA8570

Analytical & Pharmaceutical Chemistry (MSc)

KPT/JPT(R2-CDL/442/7/0001)01/2027

KPT/JPT(N-DL/442/7/0022)02/2026

MQA/FA1191

Business Administration in Healthcare Management (PG Cert/PG Dip/Master)

KPT/JPT(N/345/7/1082)9/2023

MQA/PSA11354

KPT/JPT(N/345/7/1090)12/2023

MQA/PSA11355

KPT/JPT(N/345/7/1085)10/2023

MQA/PSA11353

Counselling (Master)

KPT/JPT(N/762/7/0046)09/2026

MQA/PA12002

Diabetes Management & Education (PG Dip)

KPT/JPT(R/726/7/0030)01/2028

MQA/SWA9086

Endodontics (PG Dip)

KPT/JPT(N/724/7/0043)05/2024

MQA/SWA12162

Health Informatics and Analytics (PG Cert/PG Dip/Master)

KPT/JPT(N/720/7/0131)09/2025

MQA/PSA13973

KPT/JPT(N/720/7/0130)09/2025

MQA/PSA13972

KPT/JPT(N/720/7/0129)09/2025

MQA/PSA13974

Health Professions Education (PG Cert/PG Dip/Master)

KPT/JPT(R/145/7/0066)09/2025

MQA/SWA05162

KPT/JPT(R/145/7/0064)09/2025

MQA/PA5163

KPT/JPT(R/145/7/0070)09/2025

MQA/SWA5164

KPT/JPT(N-DL/145/7/0120)02/2026

MQA/SWA05162

Implant Dentistry (PG Dip)

KPT/JPT(R/724/7/0019)06/2026

MQA/SWA6111

Molecular Medicine (MSc)

KPT/JPT(R2/545/7/0078)07/2027

MQA/FA1299

KPT/JPT(N-DL/545/7/0101)09/2025

MQA/SWA 11357

Pharmacy Practice (Master)

KPT/JPT(R/727/7/0051)03/2024

MQA/SWA02796

Prosthodontics (PG Dip)

KPT/JPT(N/724/7/0042)05/2024

MQA/PSA12163

Public Health (MSc)

KPT/JPT(R2/720/7/0077)09/2025

MQA/A10261

KPT/JPT(N-DL/720/7/0118)09/2023

MQA/SWA11356

Medical & Health Sciences (MSc/PhD)

KPT/JPT(R2/720/7/0049)06/2026

MQA/A10618

KPT/JPT(R2/721/8/0043)01/2027

MQA/A3767



INTERNATIONAL MEDICAL UNIVERSITY  
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