

PROSPECTUS

MASTER OF MEDICINE (INTERNAL MEDICINE)

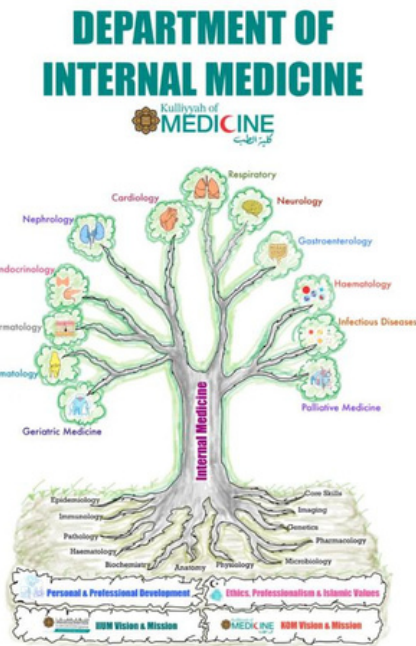


PREPARED BY:
DEPARTMENT OF INTERNAL MEDICINE
KULLIYAH OF MEDICINE
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

INTRODUCTION

Internal Medicine is the largest medical speciality in Malaysia with more than 2000 Internal Medicine specialists and over 800 trainees. Training takes place in accredited centres across the country and is overseen by the Malaysian Universities Conjoint Committee for Internal Medicine and the MOH. Trainees may be self-funded or sponsored. Sponsorship for Malaysian trainees may be from Universities/University Hospitals under the Ministry of Education (MOE) or through the Ministry of Health (MOH) through the Training Management Division (Bahagian Pengurusan Latihan).

Master of Medicine (Internal Medicine), offered by Kulliyah (Faculty) of Medicine, International Islamic University Malaysia (IIUM), is a clinical specialist training programme in Internal Medicine designed for students to acquire knowledge, skills and competency in order to become a holistic clinical specialist. The duration of training will be four years (maximum duration of seven years) in a variety of medical specialties. Students should carry out their duties and responsibilities under supervision at each training post within the scope of Internal Medicine. As the training progresses, the students will be given incremental responsibility for patient's care with gradual reduction in supervision. Formative and summative assessments will be conducted throughout the programme.



OBJECTIVES

The main objectives of the Internal Medicine training programme are to produce Internal Medicine specialists who will be:

- 1** Compassionate, knowledgeable and technically competent professionals who are capable of providing informed judgments and advice to a range of medical practices.
- 2** Professionals who lead, share and contribute to new knowledge advancements, innovation and practices in the medical field and its emerging issues towards the betterment of society.
- 3** Leaders with great attitude and values who are capable of dealing with complex ethical issues effectively in an organization.
- 4** Well-rounded and competent professionals with a good background in the art and science of medicine who demonstrate Islamic virtues, ethics and perspectives in medical practices.

ADMISSION REQUIREMENTS

GENERAL

- ✓ These will conform to the Postgraduate Policies and Regulations of the University.

SPECIFIC

Malaysian Candidate

- ✓ Must be in possession of a degree in MBBS or MBChB or MD or other equivalents from a university approved by the Senate.
- ✓ Must have at least 2 years of certifiable clinical experience exclusive of 2 years of houseman-ship or 3 years exclusive of one year of houseman-ship.
- ✓ Candidate must be registered with the Malaysia Medical Council (MMC).
- ✓ Internal candidates may be able to pursue the MMed following completion of 2 years houseman-ship.

International Candidate

- ✓ Possesses a Bachelor of Medicine and Bachelor of Surgery degree or equivalent from an institution recognized by the Malaysian Medical Council (MMC).
- ✓ At least three years of post-full registration of clinical experience by the relevant authorities.
- ✓ Qualifies for registration under the Medical Practitioner Act 1971 (Act 50) of Malaysia.
- ✓ If the institution which the applicant graduated from is not recognized by the Malaysian Medical Council (MMC), their application may be considered with 'conditional offer' if they can obtain a 'limited registration' with MMC
- ✓ International English Language Testing System (IELTS) with minimum score of 6.0.

ADMISSION REQUIREMENTS

OTHERS

- ✓ Passing a common entrance examination with at least 1-year experience in General Medicine (once applicable).

Entrance Examination

Gaining entry into the MMed programme, applicants will be required to pass the Internal Medicine Entrance Examination (IMEE) successfully. The examination is conducted at least once a year and can be taken as early as 6-months into housemanship. A pass in the entrance examination is valid for three years. Alternatively, applicants who pass the MRCP part 1 will also be accepted into the programme. Candidates may only enter the programme after completing housemanship subject to fulfilling the entry criteria. The entrance examination consists of 200 questions using a 4-option single best answer format and the pass mark will be determined through a standard-setting exercise.

STRUCTURE OF TRAINING

DURATION OF STUDY : 4-7 YEARS

YEAR OF STUDY	PHASE OF TRAINING	DURATION
Year 1	Training in General Internal Medicine	12 months
Years 2 & 3	Rotation through subspecialties	24 months
Year 4	Registrar post	12 months

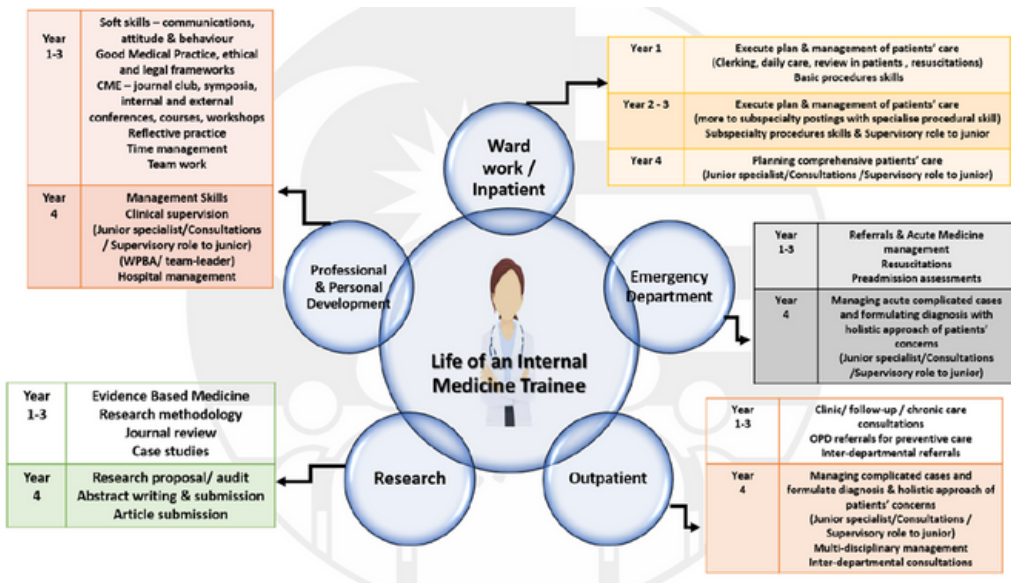
IIUM COMPULSORY COURSES

- ✓ Research Methodology
- ✓ Good Clinical Practice Workshop (GCP)
- ✓ Biostatistics Workshop Course
- ✓ Islamisation of Human Knowledge in Medicine (IOHK)
(integrated throughout study period)

CURRICULUM STRUCTURE

YEAR	SEMESTER	COURSE NAME	COURSE CODE	CREDIT HOURS
Year 1	Sem 1	Phase I: Acute Medicine 1	MMIM 7110	15
		Research 1	RMIM 7110	4
	Sem 2	Phase I: Acute Medicine 2	MMIM 7120	15
		Islamisation of Human Knowledge in Medicine (Clinical Postgraduate)	ISIM 7212	2
Year 2	Sem 1	Phase II: Subspecialty Posting (Cardiology)	MMIM 7210	11
		Phase II: Subspecialty Posting (Respiratory)	MMIM 7220	11
	Sem 2	Phase II: Subspecialty Posting (Gastroenterology/ Hepatology)	MMIM 7230	11
		Research 2	RMIM 7210	6
		Phase II: Subspecialty Posting (Haematology)	MMIM 7240	8
Year 3	Sem 1	Phase II: Subspecialty Posting (Neurology)	MMIM 7310	12
		Phase II: Subspecialty Posting (Endocrinology)	MMIM 7320	12
	Sem 2	Phase II: Subspecialty Posting (Nephrology)	MMIM 7330	12
		Phase II: Subspecialty Posting (ID/Rheum/Derm/Geri/Palliative)	MMIM 7340	10
		Research 3	RMIM 7410	10
Year 4	Sem 1		MMIM 7410	10
		Phase III: General Medicine 1	MMIM 7420	10
	Sem 2	Phase III: General Medicine 2		
		Phase III: General Medicine 3	MMIM 7430	10

FUNDAMENTAL ACTIVITIES OF THE TRAINEES



LIFE OF AN INTERNAL MEDICINE TRAINEES

	Year 1	Year 2 - 3	Year 4
Ward work / Inpatient	Execute plan & management of patients' care (Clerking, daily care, review in patients, resuscitations) Basic procedures skills	Execute plan & management of patients' care (more to subspecialty postings with specialise procedural skill) Subspecialty procedures skills & Supervisory role to junior	Planning comprehensive patients' care (Junior specialist/Consultations /Supervisory role to junior)
Emergency Department	Referrals & Acute Medicine management Resuscitations Preadmission assessments		Managing acute complicated cases and formulate diagnosis with holistic approach of patients' concerns (Junior specialist/Consultations /Supervisory role to junior)
Outpatient	Clinic/ follow-up / chronic care consultations OPD referrals for preventive care Inter-departmental referrals		Managing complicated cases and formulating diagnosis & holistic approach of patients' concerns (Junior specialist/Consultations / Supervisory role to junior) Multi-disciplinary management Inter-departmental consultations
Research	Evidence Based Medicine Research methodology Journal review Case studies		Research proposal/ audit Abstract writing & submission Article submission
Continuous Learning Professional & Personal Development	Self study – online, library, e-lectures CME – Journal club, symposia, internal and external conferences, courses, workshops Emphasis on the soft skills – communications, attitude & behaviour Good Medical Practice*, ethical and legal frameworks Reflective practice – Mini-CEX, DOP, clinic discussion, mortality and morbidity reviews Time management in organising and prioritisation of clinical / study / personal activities Team work and multidisciplinary approaches		Management Skills Clinical supervision (Junior specialist/Consultations / Supervisory role to junior) WPBA/ team-leader Hospital management activities

PROGRAMME SUMMARY

Academic supervisor report	■	3
Posting Trainer reports	■	4
Referral Letter	■	2
Discharge Summaries	■	2
No of Mini-CEXs	■	4
No of DOPs	■	4
No of CBDs	■	3
Multisource Feedback	■	20
Annual Interview & Portfolio Review	■	Oct-Nov
Internal Medicine Qualifying Assessment (IMQA)	■	No
Research	■	Research Proposal submission & presentation

PROGRAMME SUMMARY

Academic supervisor report	■	3
Posting Trainer reports	■	4 (to max of 7)
Referral Letter	■	2
Discharge Summaries	■	2
No of Mini-CEXs	■	4
No of DOPs	■	4
No of CBDs	■	3
Multisource Feedback	■	If Required
Annual Interview & Portfolio Review	■	Oct-Nov
Internal Medicine Qualifying Assessment (IMQA)	■	May attempt after 24 months training if approved by PG Committee & show progression (completed within 7 years of enrolment)
Research	■	Research Conduct & Analysis

PROGRAMME SUMMARY

Academic supervisor report	3
Posting Trainer reports	4 (to max of 7)
Referral Letter	2
Discharge Summaries	2
No of Mini-CEXs	4
No of DOPs	4
No of CBDs	3
Multisource Feedback	20
Annual Interview & Portfolio Review	Oct-Nov
Internal Medicine Qualifying Assessment (IMQA)	May attempt after 24 months training if approved by PG Committee & show progression (completed within 7 years of enrolment)
Research	Research Conduct & Analysis

PROGRAMME SUMMARY

Academic supervisor report	■	3
Posting Trainer reports	■	4 (to max of 7)
Referral Letter	■	2
Discharge Summaries	■	2
No of Mini-CEXs	■	2
No of DOPs	■	2
No of CBDs	■	3
Multisource Feedback	■	If Required
Annual Interview & Portfolio Review	■	Oct-Nov
Internal Medicine Qualifying Assessment (IMQA)	■	May attempt after 24 months training if approved by PG Committee & show progression (completed within 7 years of enrolment)
Research	■	Submitted and oral viva as part of the Evidence for the completion of training. Need to be published as part of graduation requirement

ACADEMIC STAFF



Prof. Dr. How Soon Hin
RESPIRATORY MEDICINE



Assoc. Prof. Dr. Wan Ahmad Syahril Rozli Wan Ali
NEPHROLOGY



Assoc. Prof. Dr. Ahmad Marzuki Omar
ENDOCRINOLOGY



Assoc. Prof. Dr. Che Rosle Draman
NEPHROLOGY



Assoc. Prof. Dr. Khairul Azhar Jaafar
GASTROENTEROLOGY



Assoc. Prof. Nik Nur Fatnoon Nik Ahmad
ENDOCRINOLOGY



Asst. Prof. Dr. Rasimah Ismail
DERMATOLOGY



Asst. Prof. Dr. Muhammad Ateeq Md Jalil
GASTROENTEROLOGY



Asst. Prof. Dr. Muhammad Naimuddin Abdul Azih
RESPIRATORY MEDICINE



Asst. Prof. Dr. Amalina Haydar Ali Tajuddin
ENDOCRINOLOGY



Asst. Prof. Dr. Mohd Ridzuan Mohd Said
CARDIOLOGY



Asst. Prof. Dr. Ismail Ibrahim
HEMATOLOGY



Asst. Prof. Dr. Imani Ismail
ONCOLOGY



Asst. Prof. Dr. Zulkifli Zahir
GERIATRIC MEDICINE



Asst. Prof. Dr. Nik Arsyad Nik Muhammad Affendi
GASTROENTEROLOGY



Asst. Prof. Dr. Farhana Ismail
ENDOCRINOLOGY

ACADEMIC STAFF



**Asst. Prof. Dr. Nurul Aulia
Zakaria**
RHEUMATOLOGY



**Asst. Prof. Dr. Ridzwan
Alias**
RHEUMATOLOGY



**Asst. Prof. Dr. Wan Nur
Liyana Wan Ramli**
INFECTIOUS DISEASE



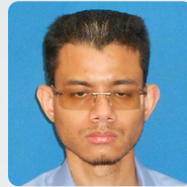
**Asst. Prof. Dr. Nur Raziana
Rozi**
NEPHROLOGY



**Asst. Prof. Dr. Ummu
Afeera Zainul Abid**
INFECTIOUS DISEASE



**Asst. Prof. Dr. Nur Syazwani
Jamhuri**
HEMATOLOGY



**Asst. Prof. Dr. Irnani
Ismail**
CARDIOLOGY



**Asst. Prof. Dr. Sivasubramanian
Balakrishnan**



**Asst. Prof. Dr. Aminuddin
Hasnolhadi**



**Asst. Prof. Dr. Mohd
Hazlan Hamzah**



**Asst. Prof. Dr. Mohd Aiman
Saiful Suhardi**

Contact us :

DEPARTMENT OF INTERNAL MEDICINE
KULLIYAH OF MEDICINE
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
JALAN SULTAN HAJI AHMAD SHAH
BANDAR INDERA MAHKOTA
25200 KUANTAN, PAHANG.

Email: internal.medicine@iium.edu.my