

Together, Learning for Health

Medicine

Medicine is both a science and an art. It is the science of uncertainty coupled with the art of probability. In fact, medicine is not just a Science that can be taught, but an Art that has to be learnt. The journey through medical school is an exciting teaching-learning experience, which involves acquisition of knowledge of human structure and function in health and disease, and the application of the same in a clinical setting using critical thinking and problem solving skills. In the initial years of medical education, the science behind the intricate form and function of this magnificent engineering marvel of nature (that we call the human body) would be unraveled. The art of medicine is something that is acquired over a period of time, the learning of which starts at the portals of medical school and continues well after graduation. A career in medicine means lifelong learning and a lifetime of service towards the wellness of mankind. The process involves the subtle metamorphosis of the rather inexperienced and innocuous medical student into a compassionate, learned health professional with high standards of moral and ethical values, who cares about the communal health of the society, nation and the world.

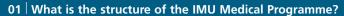
The attributes of a "good doctor" have for long been discussed and debated. While the term may be difficult to define and the ultimate person fitting the description hard to find, what the public expects is a skillful diagnostician, competent in selecting and administering treatment, while being an effective communicator. Good doctors are also caring leaders and tireless team players in healthcare, with ethical emphasis, technological sophistication, strong self-discipline and professional proficiency. Proverbially, a good doctor 'cures sometimes, relieves often and comforts always'. This age-old saying is applicable even today and may be relevant for all the years to come as doctors continue to champion the cause against disease, curing ailments, alleviating pain and offering physical and psychological consolation to patients.

The IMU with its unique partnership with world renowned Universities ensures the training of such doctors through its international benchmarking, high standards of academic quality, innovative curriculum and inculcation of strong social and ethical values.



"Medicine is a science that can be taught, but an art that has to be learnt."

Prof John Paul Judson
Dean, Medical Sciences
MBBS (Madras), MS (Madras),
DHA (Dip Hosp Admin)



The IMU Medical programme is structured in two phases: Phase 1, Medical Sciences and Phase 2, Clinical Training.

• Phase 1

This phase of 5 semesters (2½ years) focuses on the Medical Sciences and is undertaken at the University's campus in Bukit Jalil. Completion of Phase 1 in Malaysia enables all students to become familiar with local health conditions and facilities in rural and urban settings. From the second semester, students gain early clinical exposure at Hospital Tuanku Ja'afar, Seremban, Kuala Kubu Baru Hospital, Hospital Gombak and other government health centres and private clinics in Negeri Sembilan and Selangor.

• Phase 2

On completion of Phase 1, students proceed to Phase 2 which focuses on clinical training. Students may choose to undertake this training either at the IMU Clinical School in Seremban or at a Partner Medical School (PMS) overseas. The overseas duration varies from 2 to 3 years.

Note: Students are to choose where to take their Phase 2 option at the time of application and this option is indicated on the letter offering a place.

02 What are the aims and key features of the local MBBS (IMU) degree?

Through its teaching, the IMU aims to produce "reflective medical practitioners" and "caring doctors". Students who wish to undertake a medical programme completely in Malaysia can join the IMU Clinical School in the Seremban subcampus for the final $2\frac{1}{2}$ years.

Key features of IMU programme include:

- An adaptive curriculum
- Outcome-based education
- Technology-driven learning
- Dynamic, experienced and eminent faculty
- Clinical training in Hospital Tuanku Ja'afar, Seremban
- Regular assessments and feedback
- Well-equipped Skills Centre and a Learning Resource Centre comprising of a library, medical museum and e-learning resources.



DEGREE

MBBS (IMU) or Medical degree from Partner Medical Schools

TOTAL DURATION

41/2 - 81/2 years

INTAKES

February and August

Attending to an unconscious patient and giving First Aid





03 What is the duration of the medical programme?

The duration of the Phase 1 of the medical programme in IMU is 21/2 years. The total period of study is dependent on the university selected for completion of Phase II as provided in the following table. The duration of the MBBS (IMU) programme is 5 years.

UNDERGRADUATE ENTRY DURATION OF MEDICAL PROGRAMME Full duration of study: 4½ to 5½ years (depending on the University)							
	Phase 1 (IMU)	Phase 2	TOTAL		Phase 1 (IMU)	Phase 2	TOTAL
MALAYSIA				UNITED KINGDOM			
International Medical University	21/2 years	2½ years	5 years	University of Aberdeen, Scotland	2½ years	2½ years	5 years
AUSTRALASIA				Brighton-Sussex Medical School, England	2½ years	3 years	5½ years
University of Auckland, New Zealand	2½ years	3 years	5½ years	University of Dundee, Scotland	2½ years	2 years	4½ years
University of Adelaide, Australia	2½ years	3 years	5½ years	University of Edinburgh, Scotland	2½ years	3 years	5½ years
University of New South Wales,	2½ years	3 years	5½ years	University of Glasgow, Scotland	2½ years	3 years	5½ years
Australia	2 /2 ycui3	3 years	372 years	University of Keele**, England University of Leeds, England	2½ years	3 years	5½ years
University of Newcastle, Australia	2½ years	3 years	5½ years	University of Leicester, England	2½ years 2½ years	3 years 3 years	5½ years 5½ years
•		•	•	University of Leicester, England University of Liverpool, England	2½ years	3 years	5½ years
University of Otago, New Zealand	2½ years	3 years	5½ years	University of Manchester, England	2½ years	3 years	5½ years
University of Tasmania, Australia	2½ years	3 years	5½ years	University of Nottingham, England	2½ years	2½ years	5 years
University of Western Australia, Australia	2½ years	3 years	5½ years	Queen's University of Belfast, Northern	2½ years	3 years	5½ years
University of Western Sydney, Australia	21/2 years	3 years	5½ years	Ireland		1	
NORTH AMERICA				University of Southampton, England	2½ years	3 years	5½ years
Dalhousie University, Canada	2½ years	2 years	4½ years	St George's University, England	2½ years	3 years	5½ years
Jefferson Medical College, USA*	2½ years	2 years	4½ years	IRELAND National University of Ireland, Galway	2½ years	3 years	5½ years

USMLE Step 1 - This is required for all medical students studying in the United States. Any IMU student wishing to be matched with Jefferson Medical College must pass the United States Medical Licensing Examination (USMLE Step 1) before transfer

Pending the United Kingdom General Medical Council accreditation of the medical degree of Keele, IMU students who transfer to Keele will be awarded the accreditated medical degree from the University of Manchester.

GRADUATE ENTRY		DURATION OF MEDICAL PROGRAMME Full duration of study: $4\frac{1}{2}$ to $8\frac{1}{2}$ years (depending on the University)							
OPTION A	Phase 1 (IMU)	Phase 2	TOTAL	OPTION B	Phase 1 (IMU)	Phase 2	TOTAL		
AUSTRALASIA				AUSTRALASIA					
Australian National University, Australia*	31/2 years	2 years	51/2 years	University of Melbourne, Australia***	3½ years	4 years	7½ years		
University of Queensland, Australia**	21/2 or 31/2 years	2 years	41/2 or 51/2 years	University of Sydney, Australia****	3½ years	2+3 years	8½ years		
UNITED KINGDOM University of Warwick, England **	2½ or 3½ years	2½ years	5 or 6 years						

- Australian National University will only accept IMU Bachelor of Medical Sciences (Hons) to be eligible to transfer.
- For University of Queensland or University of Warwick, student with a first degree on entry may transfer after 2½ years. Students without a first degree will have to spend another year to complete the IMU Bachelor of Medical Sciences (Hons) to be eligible to transfer.
- Students who wish to transfer to University of Melbourne are required to study the first 2½ years in IMU as well as an additional year to obtain the IMU Bachelor of Medical Sciences (Hons). Students will then transfer to University of Melbourne and start their studies in Year 1 of the medical programme. Students who opt for this option will be matched to University of Melbourne without going through the matching process.
- University of Sydney is an MBBS PhD option. Students are required to study the first 21/2 years in IMU as well as an additional year to obtain the IMU Bachelor of Medical Sciences (Hons). Students will then transfer to University of Sydney to complete their medical degree (MBBS) (for 2 years) and continue with their PhD (at least 3 years) with the same university. Students who opt for this option will be matched to University of Sydney without going through the matching process.

AUSTRALIA







NUI Galway

















UNIVERSITY













UNITED KINGDOM

































04 | What are the semester contents?

Semester 1

- Foundation I Course (15 weeks) Includes Anatomy, Physiology, Biochemistry, Statistics, Behavioural Sciences
- Community Oriented Project (3 weeks)
- Foundation II Course (8 weeks)
 Includes Pathology, Microbiology,
 Immunology, Parasitology, Pharmacology,
 Community Medicine/Clinical Skills

Semester 2

- Foundation II Course (4 weeks)
 Includes General Pathology, Microbiology,
 Immunology, Parasitology, Pharmacology,
 Community Medicine/Clinical Skills
- First Professional Exam

Semester 3

- Cardiovascular System (5 weeks)
- Respiratory System (4 weeks)
- Haematology System (4 weeks)

- Gastrointestinal System (6 weeks)
- Clinical Rotations (5 weeks)
- Elective (3 weeks)
- Second Professional Exam

Semester 4

- Endocrine System (4 weeks)
- Reproductive System (5 weeks)
- Renal System (4 weeks)
- Selectives (3 weeks)
- Clinical Rotations (5 weeks)

- General Practice Posting (1 week)
- Integrated Medical Seminar

Semester 5

- Community Health Survey (2 weeks)
- Musculoskeletal System (5 weeks)
- Nervous System (6 weeks)
- Integrated Medical Seminar
- Hospital Visits
 - Third Professional Exam

05 | What are the semester contents for Phase 2 (Clinical Training) in the IMU Clinical School?

Semester 6

Clinical rotations in:

- Internal Medicine (7 weeks)
- Surgery (7 weeks)
- Family Medicine (7 weeks)

Semester 7

Clinical rotations in:

- Obstetrics and Gynaecology (5 weeks)
- Orthopaedics (5 weeks)
- Paediatrics (5 weeks)

- Psychiatry (5 weeks)
- End of Semester Exam

Semester 8

Specialised postings (8 weeks):

- ENT
- -Dermatology
- Emergency Medicine
- Ophthalmology (2 weeks each)
- Selectives & Electives (8 weeks)

Second rotation of major postings

- Family Medicine (4 weeks)
- Orthopaedics (2 weeks)
- Psychiatry (2 weeks)

Semester 9

Clinical rotations:

- Internal Medicine (4 weeks)
- Paediatrics (4 weeks)
- Surgery (4 weeks)

- Obstetrics and Gynaecology (4 weeks)
- Anaesthesiology (2 weeks)
- Radiology (2 weeks)
- End of Semester Exam

Semester 10

Senior Clerkship (20 weeks):

- Internal Medicine (5 weeks)
- Surgery (5 weeks)
- Paediatrics (5 weeks)
- Obstetrics and Gynaecology (5 weeks)

06 What are the teaching/learning approaches used?

The IMU has an integrated systems-based curriculum for its medical programme and uses a variety of approaches to its teaching and learning activities. These include lectures, problem-based learning (PBL), practical classes, independent learning, clinical skills sessions and clinical training with patient contact at the Hospital Tuanku Ja'afar, Seremban and other health clinics in Negeri Sembilan and Selangor.

The early exposure of students to clinical experiences emphasises the importance of the basic sciences to its clinical application and serves to stimulate students' interest in their medical studies.



Surgery class on knotting and suturing



Student practising "open gloving" in Skills Unit



07 When do students get clinical exposure?

Clinical exposure to real-life patients starts as early as the first year. Students will have patient contact one day a week at Hospital Tuanku Ja'afar, Seremban, Port Dickson Hospital, Kuala Kubu Bharu Hospital and various community health centres in Negeri Sembilan and Selangor. These hospitals are approved by the Ministry of Health for the clinical teaching of the IMU students.

08 What is the aim of the clinical exposure?

The aim of the clinical exposure is to ensure that students gain sufficient interviewing and examining skills before transferring to the clinical course provided by the IMU Clinical School or the Partner Medical Schools (PMS). In addition, they will obtain experience in the common presentation of diseases in Malaysian patients. This is important for their practice of medicine in Malaysia.

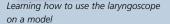
09 Where are the IMU Clinical Schools?

IMU has three clinical schools, one in Seremban, one in Batu Pahat and the other in Kuala Pilah. The IMU Clinical School in Seremban is a purpose-built 5-storey teaching block located next to Hospital Tuanku Ja'afar, Seremban. This building with a built-up area of about 62,000 sq ft is linked to the Hospital via a walkway.

Hospital Batu Pahat became an additional teaching facility for IMU in 2003 and currently Semester 10 students undergo their 6 months of Senior Clerkship at Hospital Batu Pahat. During this semester, students work in wards as junior house officers under the supervision of senior clinicians, in order to prepare them for their house officer posting. This is important for the students as they will be provided the opportunity of incremental responsibility for independent patient management.

In 2008, Hospital Tuanku Ampuan Najihah (HTAN) in Kuala Pilah, Negeri Sembilan was sanctioned by the Ministry of Health as an additional teaching hospital for the IMU. An IMU teaching resource was set-up at a building near the hospital.









10 What are the teaching facilities in the Clinical School?

The teaching facilities include:

- Airway Research Laboratory
- Clinical Skills Unit
- Navigator Research Unit
- Library

- On-call Rooms and Rooms Doctors' On-call
- Problem-based Learning (PBL) Rooms
- Conference room

11 What teaching hospitals/clinics are used by the IMU?

Besides Hospital Tuanku Ja'afar, Seremban, the other teaching hospitals used are Hospital Port Dickson, Hospital Batu Pahat, Hospital Kuala Pilah, Hospital Kuala Kubu Bharu, Hospital Gombak and Hospital Kluang. Students are also taught at district hospitals as well as community health clinics, government health clinics and family practice clinics in Negeri Sembilan and Selangor.

12 Who are the teaching staff?

Most of the academic staff (which include local and overseas trained lecturers) are full-time. Through arrangements with our Partner Medical Schools (PMS), experienced academic staff come as visiting lecturers to teach specialised subjects on a rotational basis at IMU. In addition, experienced academicians and clinicians from Malaysian medical schools and research institutes, as well as consultants in private practice are also invited to teach the students.

13 What is the medium of instruction?

The medium of instruction is English. Students who come from a system of education in which the medium of instruction is not English are strongly recommended to improve their proficiency in English by making their own arrangements to attend additional English Language classes before entering the IMU.

It is compulsory for students to attend a course in Bahasa Malaysia as the national language is used in both community health work and the practice of medicine in Malaysia.

14 What happens after I graduate as a doctor?

All medical graduates have to complete an internship or housemanship after graduation. This can be done in Malaysia or in some overseas countries. The IMU student who graduates from any of the Partner Medical Schools (PMS) can apply to the Ministry of Health for a housemanship position in Malaysia. In Malaysia, the internship is for 2 years.

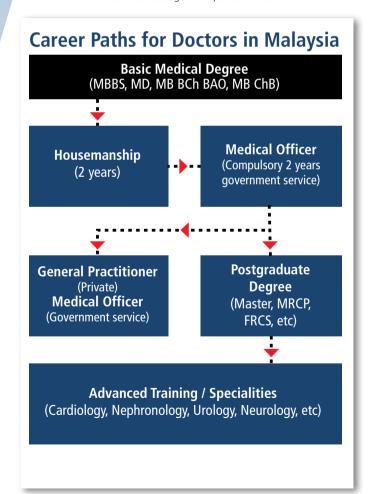
Those who graduate from the UK can apply for a house officer position there. Graduates from Ireland can apply for housemanship positions in Ireland or take the Proficiency & Language Assessment Board (PLAB) examination and apply to work in the UK.

Graduates from Canada and the United States can apply for internship positions in the United States after they have passed the USMLE Step 1. However, they must also pass USMLE Step 2 before taking up the position. IMU Canadian graduates cannot undertake their internship in Canada.

Students, including non-Malaysians who graduate with the MBBS (IMU), can undertake their housemanship in Malaysia.



Students assisting in the operation theatre





22 When do I attend a student interview?

All students applying for the medical programme and have pre-university qualifications that meet IMU's minimum requirements have to attend an interview. The interview is to gauge the students' aptitude and motivation for pursuing a career in Medicine as well as communication skills in English. Students will be informed of the date and time of interview after the application forms and all other necessary documents are received by the IMU.

23 Does IMU accept international students?

The IMU welcomes international students. International students who graduate with the MBBS (IMU) degree are eligible to apply for housemanship training in Malaysia. International students applying for the medical programme are required to check with the respective professional bodies in the countries they wish to work in on accreditation issues.

24 What should a potential student do to prepare for the medical training?

All potential candidates are advised to try and obtain practical experience related to their intended career:

- (a) Voluntary work in charitable organisations, eg. Spastics Home
- (b) Hospital/clinic/pharmacy attachment for a period of 4 to 6 weeks
- (c) Talk to students and practitioners about the profession and life as a student

25 Compulsory subjects

The Private College Act (Section 34(3) Act IPTA 1997) under the Malaysian Education Policy requires students to attend a course of instruction in Bahasa Kebangsaan (National Language), Pengajian Agama/Moral (Moral or Religious Studies) and Pengajian Malaysia (Malaysian Cultural Studies). At the end of the courses, Malaysian students are required to sit for the examinations. Students must pass all the papers during their time at the IMU. International students are not required to take the compulsory



MINIMUM ENTRY REQUIREMENTS

All qualifications should include three science subjects (Biology, Chemistry, Mathematics, Physics).

EXAMINATIONS	REQUIREMENTS
A-Levels	BBC
STPM	B+ B+ B+
Australian Matriculation	80% (aggregate) or TER/UAI/ENTER/ATAR 85
NCEA Level 3	70% aggregate
Canadian Grade 12/13	85% aggregate (6 subjects)
Unified Examination Certificate (UEC)	B4 B4 B4 B4 B4 (Biology, Chemistry, Physics, Mathematics and Additional Mathematics)
Australian University Foundation Programmes	80% aggregate in 4 subjects
Indian Pre-University	A score of not less than 80% in 3 science subjects and an average of not less than 85% in all subjects
Ministry of Education Matriculation	cGPA 3.5 (B4 in Mathematics, Additional Mathematics, Physics, Chemistry and Biology / other technical subject at SPM level)
Diploma in Science (UiTM)	cGPA 3.5
Diploma in Microbiology (UiTM)	cGPA 3.5
International Baccalaureate (IB)	33 points At least two science subjects at the Higher Level (HL) and one at the Standard Level with a score not less than 5 in all subjects
American High School Diploma with Advanced Placement (AP)	cGPA 3.5 Two science subjects must be AP courses and must have a score not less than 4 in each subject
Degree	BSc (Hons) 2nd Class Upper / cGPA 3.5

English Language Requirement

Applicants are required to have these at the point of entry:

	· · · · · · · · · · · · · · · · · · ·
MUET	Band score of 4 (for Malaysian students only)
	Overall band score of 6.5 Those who opt for overseas option must achieve an overall band score of 7.0

The Ministry of Higher Education stipulates that all students entering universities in Malaysia must sit for MUET regardless of having other English qualifications. International students are not required to sit for the MUET. All registered students are required to take the IMU Diagnostic Language Test during the first and fourth semester.

The International Medical University began in 1992 as the International Medical College, or IMC, Malaysia's first private medical college. IMC became a University in 1999, but the University has remained true to key elements of the IMC vision, which are to widen access to professional healthcare education, and to use innovative, integrated and student-centred means in providing that education.

This vision required strong links to be forged, from the outset, with reputable Partner Medical Schools committed to excellence and who share our educational philosophy. It was our progressive, systems based, integrated medical curriculum that first caught the imagination of our Partner Medical Schools, and today we collaborate with such Schools in Australasia, North America, Ireland and the United Kingdom. We have a Partner Pharmacy School in Scotland and in Australia and are establishing more partnerships in Australia.

Since 1999, the University's growth and development has been in developing clinical schools in Seremban and Batu Pahat, our own Honours degree courses in Pharmacy and Nursing, and in establishing research as a core activity, together with development of postgraduate research Masters and PhD programmes. We are already the preferred private school for medicine and pharmacy in Malaysia. Our growth has been supported by heavy investment in infrastructure development and expansion at Bukit Jalil and Seremban, and in the recruitment of staff of high calibre. In 2008, we have introduced Honours degree courses in Dentistry, Nutrition & Dietetics, Medical Biotechnology, Psychology, Biomedical Science and in Pharmaceutical Chemistry. In common with our MBBS, BPharm and BNursing, these courses have been designed from first principles by our faculty. Bachelor of Nursing Science (Hons) was introduced in 2009, a programme targeted solely for registered nurses to upgrade their qualification from diploma level to a degree level. In 2010, we introduced Chiropractic programme, the first of its kind and only complete educational programme in Malaysia as well as in all of Southeast Asia. In addition, the Chinese Medicine will be launched in February 2011. We believe our courses to be progressive and innovative, and we strive to use best practice in their delivery and assessment.

IMU Clinical School, Batu Pahat





IMU Clinical School, Seremban

IMU Bukit Jalil Campus



Main Campus, Kuala Lumpur

126, Jalan Jalil Perkasa 19, Bukit Jalil, 57000 Kuala Lumpur, Malaysia.

Tel: +60 3 8656 7228 Fax: +60 3 8656 7229

Clinical School, Seremban

Jalan Rasah, 70300 Seremban, Negeri Sembilan Darul Khusus, Malaysia.

Tel: +60 6 767 7798 Fax: +60 6 767 7709

Clinical School, Batu Pahat

12, Jalan Indah, Taman Sri Kenangan, 83000 Batu Pahat,

Johor Darul Takzim, Malaysia. Tel: +60 7 432 2787, +60 7 432 0580

Fax: +60 7 432 0580

Clinical School, Kuala Pilah

Lot No. 1743, Tingkat 1,

Bangunan Persatuan Hainan Kuala Pilah, Jalan Wira 2/1, Taman Wira Jaya, 72000 Kuala Pilah,

Negeri Sembilan Darul Khusus, Malaysia.

Tel: +60 6 481 9635 Fax: +60 6 481 9639

enquiry@imu.edu.my www.imu.edu.my

All enquiries regarding student admissions should be directed to:

Department of Student Services and Marketing

INTERNATIONAL MEDICAL UNIVERSITY

126, Jalan Jalil Perkasa 19, Bukit Jalil, 57000 Kuala Lumpur, Malaysia.

Tel: +60 3 2731 7272 Fax: +60 3 8656 1018 KP/JPS/5195/US/2, KP(JPS)/DFT/US/W03

Obtain latest information on the IMU programmes (including tuition fees), submit an online application or download application forms via www.imu.edu.my

Programmes Available:

- Medicine
 KPT/JPS(KR10935)09/2014
- Dentistry KPT/JPS(KA8358)12/2012
- Pharmacy KP/JPS(KR6707)10/2010, KPT/JPS(A1746)7/2014
- Pharmaceutical Chemistry KPT/JPS(KA8229)12/2012
- Nursing KP/JPS(A4675)4/2014
- Nursing Science (for registered nurses) KPT/JPS(KA9377)01/2013
- Medical Biotechnology KPT/JPS(KA8228)8/2012
- Nutrition & Dietetics KPT/JPS(KA8176)8/2012
- Psychology KPT/IPS(KA8177)8/2012
- Biomedical Science KPT/JPS(KA8230)11/2012
- Chiropractic
 KPT/JPS(KA9294)7/2014
- Chinese Medicine KP/JPS(KA10260)12/2015
- Postgraduate (MSc & PhD by research) KP/JPS(A1468)12/2010, KPT/JPS(KR10625)01/2015





The IMU has been certified with MS ISO 9001:2000 for the provision of tertiary education in medicine, pharmacy and health sciences.

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 consult the Department of Student Services and Marketing for the most up-to-date information.

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