What Is IMU’s Pharmacy Programme About?

Overview

Students in the Pharmacy programme have the option to complete the entire 4-year programme locally at IMU or credit transfer to the University of Otago, New Zealand or University of Tasmania, Australia. The curriculum includes the life sciences presented in a body systems-based format, encompassing anatomy, physiology, biochemistry, pharmacology, microbiology, molecular biology, immunology and pathology. Organic, inorganic, medicinal chemistry and pharmaceutical analysis form the basis of pharmaceutical chemistry. Pharmaceutical technology prepares students in drug formulation, delivery, clinical pharmacokinetics, management and marketing. Pharmacy practice explores the role of the pharmacist in clinical and community healthcare, and professionalism.

Practice and experiential skills are acquired and developed in small groups, using the University’s Clinical Skills & Simulation Centre and Model Industry Concept for early exposure to practice settings. Work-based experiential learning integrates classroom learning with real world experience and develops practice skills through industry, community and hospital pharmacy attachments in various states in Malaysia, mainly in Kuala Lumpur and Selangor. Each student must conduct a supervised research project and write a thesis on their research work. Mobility arrangements with IMU partner universities abroad enable some students to conduct part of their research under co-supervision of lecturers in these partner schools. The school also prepares students for the Qualifying Examination for Registration as a Practicing Pharmacist which is conducted by the Pharmacy Board of Malaysia (www.pharmacy.gov.my).

<table>
<thead>
<tr>
<th>DEGREE / DURATION</th>
<th>COMMENCEMENT</th>
<th>PARTNER UNIVERSITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Pharmacy (BPharm) (Hons) (IMU) — 4 years</td>
<td>July and September</td>
<td>AUSTRALIA</td>
</tr>
<tr>
<td>Degree from partner universities (BPharm) — 4 years</td>
<td></td>
<td>UNIVERSITY OF TASMANIA AUSTRALIA</td>
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<td>NEW ZEALAND</td>
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<td></td>
<td>UNIVERSITY OF OTAGO</td>
</tr>
</tbody>
</table>

degree / duration
Bachelor of Pharmacy (BPharm) (Hons) (IMU) — 4 years
Degree from partner universities (BPharm) — 4 years

commencement
July and September

partner universities
AUSTRALIA
UNIVERSITY OF TASMANIA AUSTRALIA
NEW ZEALAND
UNIVERSITY OF OTAGO
“Pharmacist, the medicines expert is imperative in the healthcare system and have impact on patient care and health outcomes. The professional scope of a pharmacist is wide and includes practice in hospitals, community settings, pharmaceutical industries, regulatory bodies, research and academia. The pharmacy curriculum at IMU provides every student with distinctive opportunities to tailor them for a lifetime of career fulfilment and succession in the diverse practice settings. The IMU BPharm (Hons) programme established in 2004 has been and will continue to produce caring and competent pharmacist for every community!”

DR MAYUREN CANDASAMY — Senior Lecturer & Programme Director
BPharm, MPharm (Pharmacology), Ph.D (Pharmacology), R.Ph (India)
# How Does the Programme Work?

## Pharmacy Programme Structure

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>COURSES</th>
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</table>
| **1**    | General Chemistry  
Pharmaceutical Organic Chemistry  
Biological Science & Genetics  
Human Biology  
Information Acquisition & Analysis  
Introduction to Pharmacy Practice |
| **2**    | General Pharmacology  
Cardiovascular System  
Gastrointestinal System  
Pharmaceutics I  
Pharmacology  
Behavioural Science  
MPU - U2 (English Academic Writing) |
| **3**    | Pharmaceutics II  
Pharmaceutical Analysis  
Natural Products in Medicine  
Pharmacology for Pharmacists  
Pharmacology  
Respiratory System  
Extemporaneous Dispensing |
| **4**    | Endocrine & Reproductive System  
Haematology & Immunology  
Pharmaceutics III  
Infectious Disease  
Medicinal Chemistry  
Medicine Dispensing & Counselling  
Musculoskeletal System  
MPU - U4 |
| **5**    | Central Nervous System  
Pharmaceutics IV  
Pharmaceutical Management & Entrepreneur  
Community Pharmacy  
Complementary Medicine  
Pharmacy Ethics & Jurisprudence  
Selective |
| **6**    | Clinical Pharmacy I  
Basic & Clinical Pharmacokinetics  
Research Methodology  
Cancer Chemotherapy  
Public Health Pharmacy  
Pharmaceutical Biotechnology  
Current Trends & Critical Appraisal  
Elective |
| **7**    | Research Project I  
Research Project II  
Industrial Placement |
| **8**    | Clinical Pharmacy II  
Clinical Pharmacy III  
Clinical Pharmacy IV |

The curriculum is reviewed periodically and is subject to change.

The MPU modules are compulsory modules imposed by Ministry of Higher Education under the Private Higher Educational Institutions Act 1996 (Act 555). All students must take these modules and pass as a prerequisite for the award of the degree.
Assessment

The programme was the first outcome-based pharmacy degree course to be developed in Malaysia. Assessments (formative and summative) such as practical and written tests, assignments, presentations are an integral part of BPharm’s learning process; the IMU School of Pharmacy was the first to use Objective Structured Clinical Examinations (OSCE) to assess practice competency skills.

Recognition of Degree

The degree is recognised by the Pharmacy Board of Malaysia, and by the Universities of Tasmania and Otago for credit transfer into their BPharm programmes. Students transfer after completing Year 2 at IMU, and receive the partner universities’ degrees. The pharmacy programmes of these institutions are accredited by the Australian Pharmacy Council and the Pharmacy Board, Malaysia. Majority of BPharm (IMU) graduates are serving in Malaysia (public and private hospitals, community pharmacies and pharmaceutical industries) while a small group is working abroad.

Career Pathway

Pharmacy is the science of medicines – their discovery, development into products, clinical evaluations and use in health maintenance, disease prevention and treatment. Pharmacy is also the profession that uses this unique body of knowledge in the service of society.

A career in pharmacy is versatile and highly rewarding. Graduates can work mainly with people, using their unique knowledge and skills in patient care. Community pharmacists help clients choose medicines by providing associated information and advice, and help to manage long term conditions. In the hospital setting, clinical pharmacists work in partnership with doctors deciding on the best medicines and the optimal doses for patients to produce maximal effect with minimal side effects.

Graduates can also focus mainly on products – industrial pharmacists hold key responsibilities in the manufacture and quality control of medicines. Pharmacists’ knowledge and skills are put to good use in research and development, registration of medicinal products, regulatory affairs, import, export, distribution and marketing of medicines. The Malaysian Government under the NKEA (National Key Economic Area) aims to expand Malaysia’s pharmaceutical product and medical device manufacturing, clinical research, and develop aged-care services.
Why Study Pharmacy at IMU?

1. An Established Private Healthcare University
   IMU is Malaysia’s first and most established private medical and healthcare university with over 27 years of dedicated focus in healthcare education. IMU achieved the SETARA-2017 Tier 6 status (Outstanding) under the Mature University category.

2. Build Your Future Healthcare Professional Network
   As IMU offers the widest range of healthcare programmes, our students are fully immersed in a vibrant community of students and practitioners from all healthcare fields. This allows for the development of strong friendship amongst peers that will be the foundation of an extensive healthcare professional network upon graduation.

3. Largest Private Pharmacy School in Malaysia
   IMU’s BPharm programme was established over 10 years ago and to date has the highest number of faculty members and registered students of any other private pharmacy school in Malaysia. The school is also the first private pharmacy school in Malaysia to provide a collaborative study opportunity with University of Strathclyde, and this collaboration along with IMU own B. Pharm programme has produced nearly 3000 pharmacist in the country. This is the largest number of pharmacist produced by any private institution in Malaysia.

4. Curriculum Benchmarked to International Standards
   IMU’s BPharm curriculum has been developed to meet high international standards and is accepted by University of Tasmania, Australia and University of Otago, New Zealand for credit transfer into their pharmacy programme.

5. Better Preparation to Become Pharmacists
   With workplace-based experiential learning, our students are better prepared for pre-registration training and employment.
## How Much Does It Cost?

### Pharmacy Programme Fees

All fees quoted are in Ringgit Malaysia unless stated otherwise.

### FEES OVERVIEW

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount (RM)</th>
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<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Malaysian Student</td>
<td>International Student</td>
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</tr>
<tr>
<td>Application Fee</td>
<td>150</td>
<td>500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration Fee</td>
<td>850</td>
<td>2,000</td>
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<tr>
<td>Refundable Caution Deposit</td>
<td>2,000</td>
<td>2,000</td>
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<td></td>
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<tr>
<td>Tuition Fee</td>
<td>191,600</td>
<td>204,800</td>
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</table>

- 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 Malaysian Ministry of Higher Education, international students will have to pay Student Visa Application fee of RM1,000 and Medical Health Check fee of RM250 and Visa endorsement fee (depending on nationality) upon registration.
- International students will also be required to pay Student Visa Renewal Administrative fee of RM140/year and Medical Health Check fee of RM250/year.
- Students must adhere to the "Policy on Payment of Fees".
- All students are required to pay Student Association Fees of RM40 per semester.

### FEES BY PROGRAMME ROUTES

<table>
<thead>
<tr>
<th>Programme Route</th>
<th>At International Medical University (IMU)</th>
<th>At Partner University (PU)</th>
<th>At IMU + PU</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Duration (years)</td>
<td>Total Semesters</td>
<td>Tuition Fee</td>
</tr>
<tr>
<td></td>
<td>Years</td>
<td>Total Semesters</td>
<td>Per Semester</td>
</tr>
<tr>
<td>Bachelor of Pharmacy (Hons) (IMU)</td>
<td>4</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>Credit Transfer to University of Otago Bachelor of Pharmacy (BPharm)</td>
<td>4</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Credit Transfer to University of Tasmania * Bachelor of Pharmacy (BPharm)</td>
<td>4</td>
<td>2</td>
<td>4</td>
</tr>
</tbody>
</table>

### Note

- The fee for the bridging course is A$3,248.
- Current estimates only.
- Based on exchange rates: A$1 = RM3.016, NZ$1 = RM2.78
- Tuition and ancillary fees at partner universities overseas are subject to annual increases.
- All fees are accurate at time of print. For latest fees and information, please go to www.imu.edu.my.
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.

The IMU has been certified with ISO 9001: 2015 for the provision of Pre-University, Undergraduate and Postgraduate Programmes for the Medical and Healthcare Professions.