

**AIMST
UNIVERSITY**
Educating Tomorrow's Leaders

FACULTY OF **MEDICINE**

About AIMST University

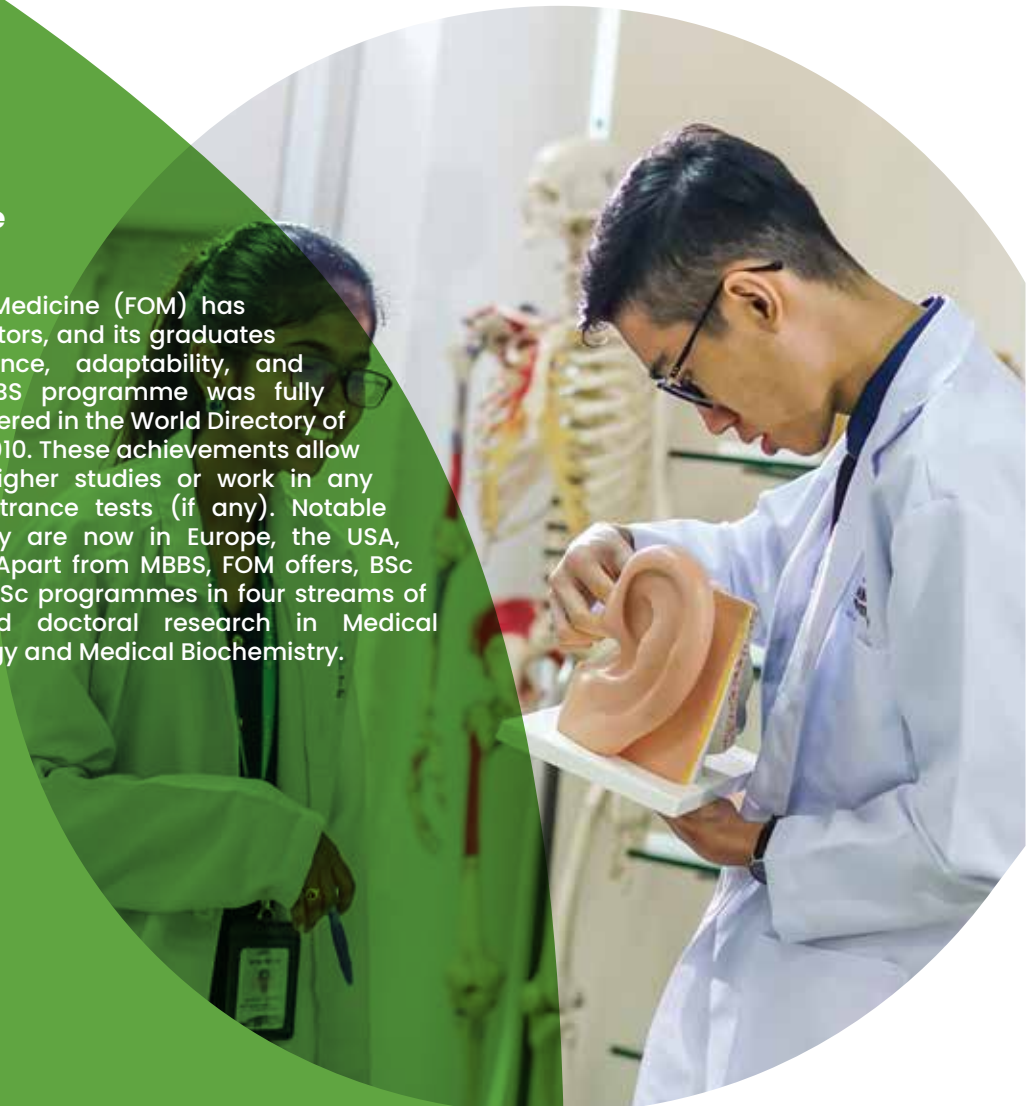
AIMST University is a premier private university catering to the needs of local and international students. It offers high-quality education globally recognised by the relevant professional bodies and industries. The University also emphasizes international exposure through a network of numerous international partners. In addition, student exchange programmes help our students to develop global perspectives and skill sets. As a result, AIMST's graduates enjoy 100% employability in leading national and international organizations within six months of graduation.



Dean's Message

Prof. Dr. Srikumar P S
Dean, Faculty of Medicine

AIMST University's Faculty of Medicine (FOM) has produced more than 2800 doctors, and its graduates are known for their resilience, adaptability, and service-mindedness. The MBBS programme was fully accredited in 2007 and was entered in the World Directory of approved Medical Schools in 2010. These achievements allow MBBS graduates to pursue higher studies or work in any country after passing the entrance tests (if any). Notable alumni of the medical faculty are now in Europe, the USA, Australia, and other nations. Apart from MBBS, FOM offers, BSc (Hons) Biomedical Sciences, MSc programmes in four streams of basic medical sciences and doctoral research in Medical Microbiology, Medical Physiology and Medical Biochemistry.





Bachelor of Medicine & Bachelor of Surgery (MBBS)

(R2/721/6/0032) (07/25) (MQA/FA 4034)

AIMST's Bachelor of Medicine and Bachelor of Surgery (MBBS) course is modern and innovative. It is modelled on an integrated curriculum adopted by major medical schools in the UK and incorporates local requirements stipulated by the Malaysian Medical Council (MMC) and the Malaysian Qualification Agency (MQA).

Uniqueness of the Programme



Highly experienced and internationally qualified lecturers



Diverse clinical exposure at district and state hospitals



Incorporate problem-based learning (PBL) into our curriculum



Produced competitive and holistic MBBS graduates



State-of-the-art clinical skills centre to enhance clinical training through simulation

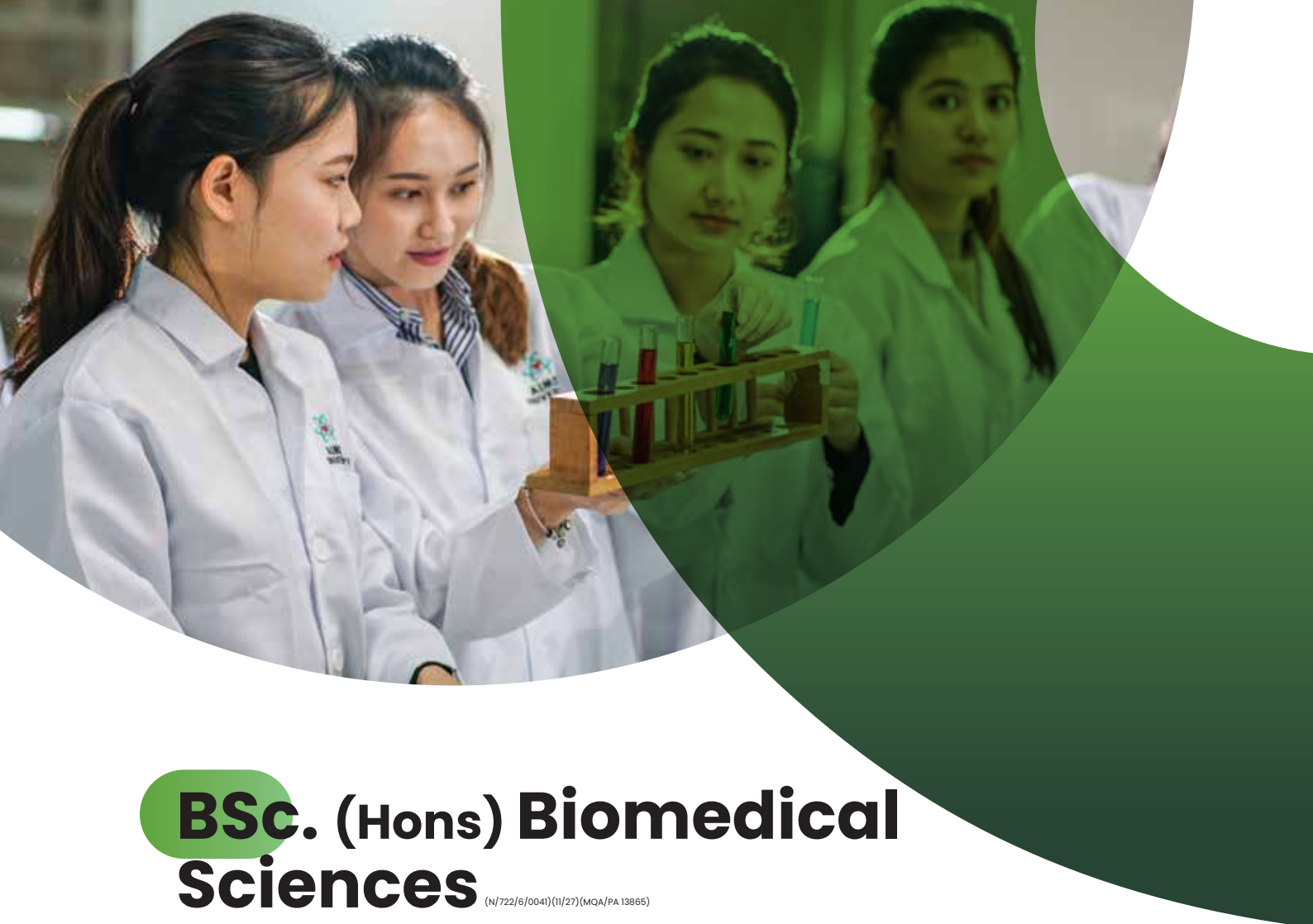


Course Structure

YEAR 1	YEAR 2	YEAR 3
<ul style="list-style-type: none"> • Introduction to basic sciences • Immunology & Haematology • Musculoskeletal system • Cardiovascular system • Respiratory system • Gastrointestinal system • Primary care interphase 	<ul style="list-style-type: none"> • Nervous system • Endocrine & Reproductive system • Renal system • Integrated system module • Biostatistics & Epidemiology • First clinical attachment • Patient Safety and Biosafety • Special Study Module 	<ul style="list-style-type: none"> • Medicine • Surgery • Maternal and Child Health – OB & G • Maternal and Child Health – Paediatrics • Orthopaedics • Community Medicine • Family Medicine • Forensic Medicine • Special Study Module • Dermatology • Co-Curricular Activities
YEAR 4		YEAR 5
<ul style="list-style-type: none"> • Medicine • Surgery • Psychiatry • Maternal and Child Health – OB & G • Maternal and Child Health – Paediatrics • Orthopaedics • Accident & Emergency • ENT • Ophthalmology • Family Medicine • Anaesthesiology • Community Medicine 		<ul style="list-style-type: none"> • Electives (National/International) • Medicine • Surgery • Maternal and Child Health – Paediatrics • Maternal and Child Health – OB & G • Orthopaedics • Psychiatry • Family Medicine • Palliative Care • Geriatrics • Basic Life Support

Entry Requirement

- **A-Levels / STPM**
Grades BBB, ABC or AAC in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics
- **AIMST Foundation in Science / Matriculation / Foundation in Sciences / Pre-Medical courses** (courses ≥ 1 year in the same institution)**
CGPA 3.0 (out of 4) in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics
- **UEC**
B4 each in 5 subjects i.e. Biology, Chemistry, Physics, Mathematics and Additional Mathematics
- **UNSW Foundation /MUFY/ Western Australia Curriculum Council/ HSC Sydney Australia/ Trinity College Foundation Studies/ Australian Universities Foundation Programmes/ South Australian Matriculation (SAM)/ Victorian Certificate of Education, Australia Year 12/ Ausmat**
Aggregate or average of 80% in any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics Or 80% ATAR provided the subjects include Biology, Chemistry and Physics or Mathematics
- **National Certificate of Education Achievement (NCEA) Level 3 / New Zealand Bursary**
Average of 80% in any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics
- **CPU/CIMP/Canadian Grade 12/13/ Ontario Secondary School Diploma Grade 12**
Average of 80% in any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics
- **Indian Pre-University**
Average of 70% in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics. Pass the National Eligibility cum Entrance Test (NEET)
- **Diploma in Health Science (courses ≥2 1/2 years or 5 semesters in the same institution)**
CGPA ≥ 3.0 and minimum 2 Bs in Biology and / or Chemistry and/ or Physics and 3 Credits each in English, Mathematics or Additional Mathematics and another subject at School Certificate Level
- **Other qualifications**
Will be assessed and referred for approval on case by case basis
 - For Malaysian students MUET band 4 needed.
 - For international candidates pass IELTS with min band of 6.0 or TOEFL with min 550 paper-based or equivalents
 - SPM /O- levels requirement : Applicants must have obtained (5Bs each in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and another subject.
 - Malaysian applicants who seek employment in the public sector are required to attain credit in Bahasa Malaysia & English




BSc. (Hons) Biomedical Sciences

(N/722/6/0041)(11/27)(MQA/PA 13865)

Bachelor of Science (Hons) Biomedical Science at AIMST University is conducted by local and international professionals in medicine, biomedicine, and laboratory sciences. Our programme prepares the Bachelor of Science (Hons) Biomedical sciences graduates to face the challenges in their chosen field by arming them with the right mix of attitude, skills, and knowledge during their four years of extensive training.

Uniqueness of the Programme

-  Industry readiness - Real work experience
-  Preparation for postgraduate programmes
-  Highly experienced and internationally qualified lecturers
-  Employability readiness
-  Extensive clinical skills training



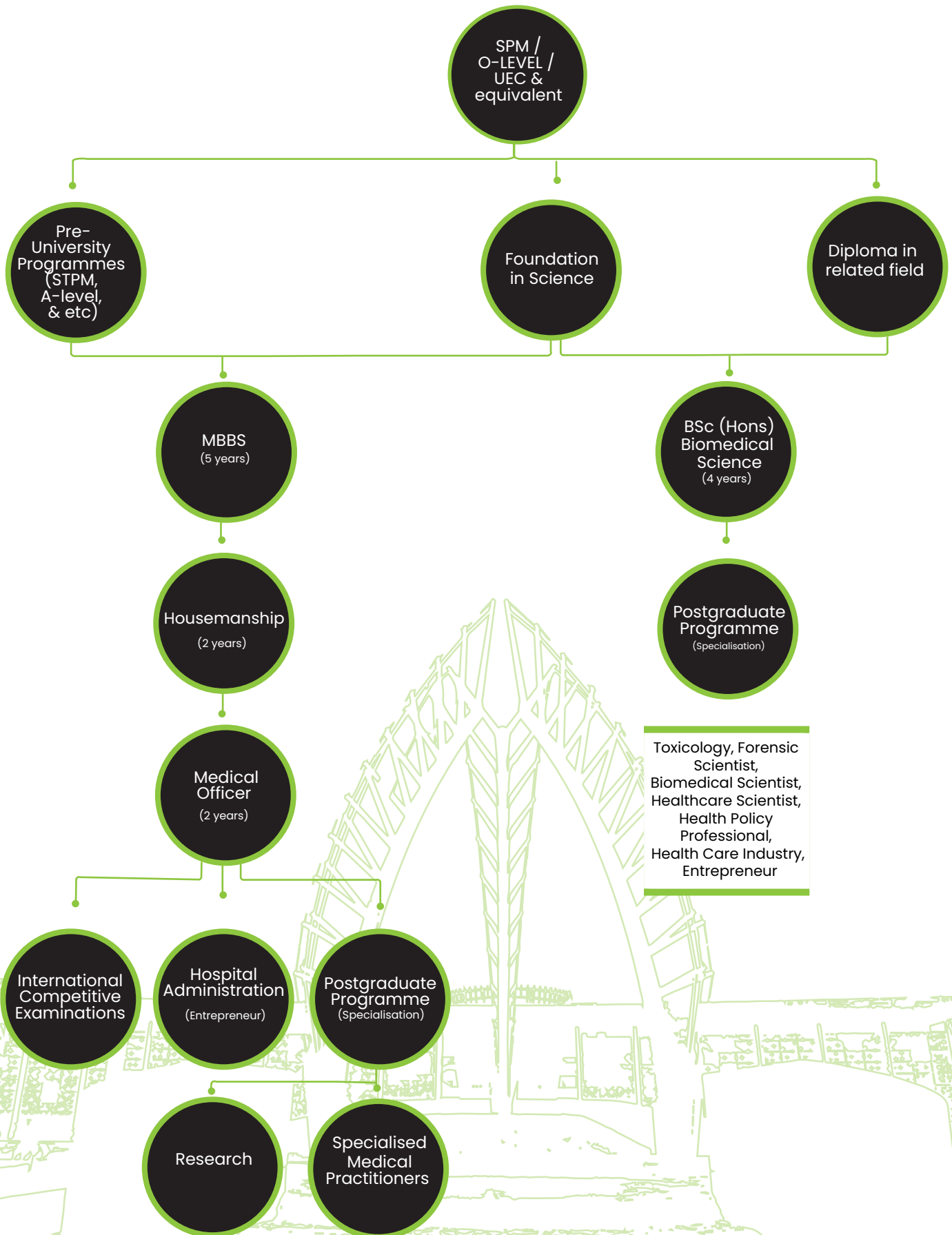
Course Structure

YEAR 1	YEAR 2
<ul style="list-style-type: none"> • Human Anatomy • Human Physiology - 1 • Fundamentals of Biochemistry • Biophysics • General Microbiology • Cell and Molecular Biology • Systemic Anatomy • Human Physiology-2 	<ul style="list-style-type: none"> • Haematology • Genetics • Immunology • Basic Pathology • General Pharmacology • Biostatistics • Principles of Laboratory Animal Science • Intellectual Property • Bioinformatics • Medical bacteriology • Medical Virology & Mycology • Medical Parasitology • Research Methodology • Toxicology • Health Informatics
YEAR 3	YEAR 4
<ul style="list-style-type: none"> • Behavioural Science • Bioinstrumentation • Bioethics, Bioregulation and Biosafety • Clinical biochemistry • Clinical Pathology • Systemic Pharmacology • Transfusion science and blood banking • Public Health • Biomolecular diagnostics • Research Project - I • Electives 	<ul style="list-style-type: none"> • Research Project - II • Industrial/Hospital Training - I

Entry Requirement

- Matriculation/Pre-University/STPM programme or its equivalent
Pass minimum GPA 2.33 in TWO of the following subjects: (Biology, Physics/Mathematics and Chemistry)
- A-Level or equivalent
- Pass with minimum Grade D in TWO of the following subjects (Biology, Physics/Mathematics and Chemistry)
- **Recognised Diploma**
- Pass with minimum CGPA of 2.75 in related field
- Recognised Diploma with CGPA less than 2.75 in related field
and a minimum of 3 years (36 months) working experience in the related field.
- **Other qualifications**
- Will be assessed and referred for approval on case by case basis
- For malaysian students MUET minimum Band 3 needed upon entry.
- For international students IELTS 5.5/ TOFEL 550 needed upon entry.

Study Pathway



Postgraduate Studies

- ◆ MSc. Medical Microbiology (K2/421/7/0026) (1/127) (A 9590)
- ◆ MSc. Medical Physiology (K2/720/7/0099) (08/24) (A 9670)
- ◆ MSc. Human Anatomy (K2/721/7/0068) (08/24) (A 9339)
- ◆ MSc. Medical Biochemistry (K2/421/7/0026) (03/25) (A 9669)

Entry Requirement

- A bachelor's degree in the field or related fields with a minimum CGPA of 2.75 or equivalent, as accepted by the HEP Senate; or
- A bachelor's degree in the field or related fields or equivalent with a 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 in the field or related fields 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.
-Candidates without a qualification in the related fields or relevant working experience must undergo appropriate prerequisite courses determined by the HEP and meet the minimum CGPA based on (i) to (iii).

Duration / Mode

- **MSc. Medical Biochemistry**
Full-time : 2 years / Part-time : 3 years
Research Mode
- **MSc. Human Anatomy**
Full-time : 2 years
Mixed Mode
- **MSc. Medical Physiology**
Full-time : 2 years
Mixed Mode
- **MSc. Medical Microbiology**
Full-time : 2 years / Part-time : 3 years
Research Mode

- ◆ **PhD in Medical Microbiology** (R/421/8/0037) (12/28) (MQA/FA 6185)
- ◆ **PhD in Medical Physiology** (N/0912/8/0001) (08/29) (MQA/PA 15672)

Entry Requirement

- A master's degree in the field or related fields accepted by the HEP Senate
- Other qualifications equivalent to a master's degree recognised by the Government of Malaysia
- Candidates without a related qualification in the field/s or working experience in the relevant fields must undergo appropriate prerequisite courses determined by the HEP.

Duration / Mode

- **PhD in Medical Microbiology**
Full-time : 3 years
Part-time : 4 years
Research Mode
- **PhD in Medical Physiology**
Full-time : 3 years
Part-time : 4 years
Research Mode

