

**AIMST**  
**UNIVERSITY** DU010(K)  
Educating Tomorrow's Leaders



**Undergraduate  
Programme**  
**Faculty of  
MEDICINE**



## Faculty of Medicine

# Bachelor of MEDICINE AND SURGERY (MBBS)

KPT(IPS)/ (R2/721/6/0032) 07/25



### Introduction

AIMST is a forward looking, campus-based private sector university established in Malaysia's northern state of Kedah Darul Aman. Its mission is to offer world-class education at affordable rates to one and all, in line with the aspiration of its visionary founder, Tun Dato' Seri Utama S. Samy Vellu. The programs offered by AIMST are rated at Tier 4 (very Good Category) by D-Setara. AIMST is a prestigious University in the making with a growing impact on the national and regional educational scenes with its high profile programmes in Medicine, Dentistry, Pharmacy and other allied health sciences, Engineering, Computer sciences and IT, Biotechnology, Business and Management. AIMST has been building up strategic linkages with premier Universities in various countries like UK, Japan, India, Philippines, Pakistan etc. All AIMST degree programmes are closely monitored for accreditation by the National Accreditation Board. A number of its programmes already enjoy validation by foreign universities, including its popular Foundation in Science pre-university programme. AIMST also has a system of Faculty Advisors, External Examiners and an International Advisory Council to help ensure academic excellence and to gain international recognition both for its teaching and research programmes. The Faculty of Medicine at AIMST entered into Avicenna's directory for Medicine in 2010 (Avicenna, the successor to WHO is currently referred to as World Directory of Medical Schools). In 2013, AIMST got the global award for 'Leadership in medical sciences education excellence', which is one more feather on the cap of Faculty of Medicine. In 2016, AIMST University's MBBS degree got recognized by Medical Council of India. Faculty of Medicine has MoUs and strategic partnerships with several National and International Institutions which include Queen Mary University of London.

### Curriculum

This is offered by the Faculty of Medicine. The Bachelor of Medicine and Bachelor of Surgery (MBBS) degree is a 5-year programme that is completed entirely within the AIMST University in Kedah. The university admits one intake per year between July and August.

### Course Overview

The AIMST's Bachelor of Medicine and Bachelor of Surgery (MBBS) course is modern and innovative. It is modeled on an integrated curriculum adopted by major medical schools in the UK, and also incorporates local requirements stipulated by the Malaysian Medical Council and the Malaysian Qualification Agency. The key features of the programme include:

- Inclusion of clinical lectures, clinical skills training in history taking, general examination, specific examination of all systems and short hospital postings in the first two years of the programme, designed to help students relate the basic core knowledge that they have gained to applications in a clinical context and to introduce them to issues impinging upon current medical practice.
- Learning anatomy with prosected specimens from cadavers beginning in the first year.
- Integrated coverage of topics through an assertive problem-based approach, thus giving the students the added advantage of having assimilated knowledge from several resources and the nuances of team work
- Special Study Modules (SSMs) as part of the curriculum provide students the exposure to choose a research topic of their interest, do literature review and write a research paper in year 2, group research using statistical evidence in year 4 and CME in year 5 which renders them rich experience in the area of research.
- Peer Assisted Learning System (PALs) gives leadership qualities besides making learning interesting and effective.
- A major goal of programme is to produce graduates with the ability to function as critical thinkers and problem solvers, skilled in sensing, formulating and managing various health problems with a well-engrained sense of caring and service to the community. The combination of research-led teaching and intense professional training that all students receive at AIMST provide them with a strong foundation for further postgraduate studies leading to a variety of careers within the medical profession.

- After completion of the course, students should undergo 2 years of compulsory rotational clinical training in government approved hospitals.
- AIMST has both Anatomy and Pathology Museums. A state of art Clinical Skills Laboratory to train students in the medical, dental and allied health fields in clinical skills or procedures and thereby preparing them for the clinical phase of their respective programmes in the Hospital environment.
- RED association: The fundamental idea of R.E.D Association was created by the MBBS students who have been inspired by their 'best teachers' (patients from teaching hospital) and immediately with thought to contribute aid to those under privileged patients. Serving in this association ensures that student's skills and attitudes are developed holistically. Empathy, entrepreneurship, team work and communication skills and attitude are honed as the students outreach and aid the less fortunate patients. RED has helped over 300 patients since its inception in 2011
- Two major and two district teaching hospitals with a combined bed strength of over 2000.

### Career Opportunities

- General Health Practice
- Specialist Practice and University Teaching after Post graduation
- Pursue Research







## Curriculum

Phase	Units	Elements / Systems / Subjects
Phase 1	Human Basis of Medicine I	Society, Health & Medicine – Element 1, Ethics in Medicine – Element 4
	Human Basis of Medicine II	Epidemiology - Element 2, Biostatistics - Element 3 and Primary Care Interface - Element 5
	Molecular & Cellular Basis of Medicine I	Structure of the Human Body - Element 1 & 8, General Physiology, Basics of Hematology, and Nerve-Muscle Physiology - Element 2
	Molecular & Cellular Basis of Medicine II	Proteins, Enzymes and Molecular Biology - Element 3, General Pharmacology & Autonomic Pharmacology - Element 4, Nutrition, Metabolism and Metabolic diseases - Element 5
	Molecular & Cellular Basis of Medicine III	Infection, Immunity, Inflammation, Cell injury and Repair - Element 6, Neoplasia - Element 7
	Systems I	Cardiovascular System, Respiratory System, Gastrointestinal System
	Systems II	Central Nervous System, Endocrine & Reproductive System, Renal System & Hematology
	First Clinical Attachment (Year 2)	Medicine, Surgery and lab science (6 weeks)
Phase 2	Junior Clerkship (Year 3)	Medicine, Surgery, O/G, Paediatrics, Orthopaedics, Forensic Medicine, Community Medicine, Radiology and Dermatology
	Junior Clerkship (Year 4)	Surgery, Orthopaedics, ENT, Ophthalmology, Anaesthesiology, Medicine, Accident & Emergency, O&G, Paediatrics, Community Medicine, Family Medicine, Psychiatry.
Phase 3	Senior Clerkship (Year 5)	Medicine, Surgery, Obstetrics & Gynaecology, Orthopaedics, Psychiatry, Paediatrics, Family Medicine, Geriatrics and Palliative care, Electives.

## Curriculum Structure and Outline

The MBBS programme is modular in nature and is structured in three phases:

### Phase 1

The first two years form Phase I – the 'Integrated Preclinical' years. The first year programme features integrated teaching of Basic Medical Sciences, Society and Health, Biostatistics and Ethics in Medicine coupled with an early exposure to the hospital setting. The Primary care interphase is for 2 weeks in Year 1

Year Two is dedicated to Systems and divided into two Blocks – Systems Block I, covering the Cardiovascular, Respiratory and Gastrointestinal Systems. Systems Block II covers Central Nervous System Endocrine & Reproductive System and Renal System & Haematology. Problem based learning (PBL) forms the integral part of the block. Clinical skill learning for various systems also is done in the Clinical Skills Centre. In addition, the students are introduced to the hospital environment for three weeks, which constitute the First Clinical Attachment. They are expected to complete the requisite of an SSM of Phase 1 before they progress into Year 3.

### Phase 2

Phase II of the medical programme covers the Clinical Years 3 and 4 and is designed as 'Junior Clerkship'. It is done as small group teaching (SGT) and core lectures. This Phase covers Medicine, Surgery, Obstetrics and Gynecology and Pediatrics, Forensic Medicine, Psychiatry, Orthopedics and other specialties. Year 3 also has a co-curricular module wherein students engage themselves in varied activities like sports, literary, ethics, environmental awareness etc and they are assessed.

During these years of Junior Clerkship, students will be actively engaged in PBL sessions, symposia, clinical case discussions and self-directed learning.

### Phase 3

Phase III is designated as 'Senior Clerkship' wherein the students will consolidate the knowledge gained in Phase II. The students will revisit and strengthen the skills in all the major areas: Medicine, Surgery, Obstetrics & Gynecology, Orthopaedics, Psychiatry, Family Medicine and Pediatrics. This phase is designed to further develop their personal and cognitive skills to prepare them for the pursuit of lifelong learning and adaptation to change, as well as to enhance their analytical and communication skills. Towards this end, there is much student focus on PSE / PBL, CME (Continuing Medical Education) Group Discussion and Peer Review. The focus will be on management according to the clinical practice guidelines of Malaysia. Students also have to complete a final SSM to meet the course requirement.

In the final year of study, all the students have to complete 5 weeks of elective posting in a center of excellence. Most of the students get their training at national centers/hospitals and quite a number choose to experience it overseas at reputed hospitals which include the ones in UK, Australia, Philippines, Thailand, Taiwan and India.

#### Examinations:

The University conducts the following examinations:  
 Professional Examination I – Year 1  
 Professional Examination II – Year 2  
 Professional Examination III – Year 3 (Forensic Medicine)  
 Professional Examination IV – (Subject taught in Years III & IV)  
 Professional Examination V – Year 5



# Entry Requirement



## **A-Levels / STPM**

Grades BBB, ABC or AAC in 3 subjects i.e. Biology, Chemistry, Physics or Mathematics. (Grade C can only be in either Physics or Mathematics)

## **AIMST Foundation in Science / Matriculation / Foundation in Sciences / Pre-Medical courses\*\* (courses $\geq$ 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 any 3 subjects i.e. Biology, Chemistry, Physics or Mathematics.

## **International Baccalaureate**

30 points with a minimum of 2 sciences subjects or Mathematics at Higher Level (HL) and 1 science subject at Standard Level and attained a minimum score of 4 each in Biology, Chemistry, Physics or Mathematics.

## **Diploma in Health Science (courses $\geq$ 2 1/2 years or 5 semesters in the same institution)**

CGPA  $\geq$  3.5 and minimum 2Bs 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.

## **Degree in Health or Pure or Applied Sciences**

CGPA  $\geq$  3.0

## **Degree in the Arts or Humanities**

CGPA  $\geq$  3.5

*\*\*SPM /O- levels requirement : Applicants must have obtained 5Bs each in Biology, Chemistry, Physics, Mathematics (or Additional Mathematics) and another subject.*

*All applicants must have MUET (Band 4) / TOEFL (score of 550)/ IELTS (score of 6) upon applying for the programme.*

## **Pre-Condition :**

Malaysian applicants who seek employment in the public sector are required to attain credit in Bahasa Malaysia & English

## **Aptitude Test/Interview:**

All eligible applicants are required to attend an aptitude test and interview (to be conducted by AIMST University) /and or a University Entrance Examination Additional Requirement from MMC

## **Health Requirement :**

Prior to admission, students are required to undergo a medical examination to ensure that they are in good health and free from any communicable disease.

All correspondence with MMC, must be done 3 months prior to commencement of the course







## Testimonials



**Batch 22,  
Year 3, MBBS**

**Ashadeep Kaur Vidwan**

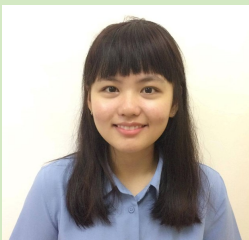
The “Medical Dream” is an aspiration that many share. We all know, the journey embarked is a complex one where expectations of excellence is rather high and the pressure keeps growing, but this is the path that I have chosen and this is my journey. Here, I have been given this opportunity to be enriched in the knowledge of Medical field, broadening my horizons and fueling my passion more. One thing that keeps me motivated here is the constant support from students and most importantly lecturers who are always willing to help. They are ever ready to convey their wisdom and experiences, thus instigating this thrill to learn more.

The lecturers are friendly and genuine enough to offer help to the students. They are also very flexible, understanding and ever willing to assist us. I’m often impressed by their knowledge and professionalism when communicating with them. Equipped with adequate facilities and a peaceful atmosphere in the campus, AIMST University provides a wonderful ambience and environment for me to concentrate on my studies. In addition, there are also a variety of extra-curricular activities to add colours to my university life.



**Batch 22,  
Year 3, MBBS**

**Teoh Siew Huey**



**Batch 21,  
Year 4, MBBS**

**Jasmine Lee Pek San**

Being a second year medical student, I am grateful for the wonderful experience that I have gained throughout the past 1.5 years. The lecturers practice open communication with us and are very experienced in teaching. Our stimulation lab is well equipped to allow students to have maximum exposure and sharpen our skills. The great facilities, friendly environment and hands on practical conducted will definitely prepare me to be a great practitioner in the future. I am proud to be an AIMSTER.

I could still remember the MBBS registration date for our batch which was on the 24th August 2016. It was indeed a monumental day for me as I had the privilege and honour to start off my journey as a medical student at our university. With that being said, one question arises why choose AIMST University?. Well , I would like to take these opportunity to answer them. First and foremost, AIMST campus is surrounded with lush greenery which by itself is rare sight that we get to enjoy in today’s world. The reason for me saying so is that the peaceful and green campus provides a very conducive environment for us to learn and acquire knowledge. Secondly, the lecturers of Faculty of Medicine AIMST University never cease to amaze me with their vast knowledge and experience.



**Batch 22,  
Year 3, MBBS**

**T. Jagathesen**

## Student activities & Recreation

At AIMST, we encourage students not only to excel academically but also to participate in extra-curricular activities, including participation in student clubs and societies as well as sports activities. Students may also form new organization by contacting the Student Affairs Division.

The sports and recreational facilities available include:

- Badminton court
- Gymnasium
- Running track
- Olympic-sized swimming pool
- Basketball/netball court
- Volleyball court
- Six-a-side hockey field
- Five-a-side football field
- Aerobics/yoga room
- 400-metre track
- Tennis/squash room
- Mosque & Prayers rooms

In addition, there is a purpose-built Student's Activities Room as well as a comfortable Students' Study Area.

## Healthcare

The AIMST on-campus Student Healthcare Clinic is open to provide routine medical care for students and staff alike.

## Student Affairs & Accommodation

The Student Affairs Division is responsible for catering to the needs and welfare of students and covers all aspects related to student development. The Student Affairs Officers will assist in making arrangements for hostel facilities for out-of-town and overseas students. In addition, it oversees development and management of student activities via societies and clubs and through events such as sports, cultural and debating activities.



## Food

AIMST cafeteria caters for staff and students. Our cafeteria serves both vegetarian and non-vegetarian (halal) food. We have a wide selection of dishes on the menu, which includes delectable local and Western cuisine.

## International Office

Our International Office provides several services for overseas students, some of which are:

- Visa/Student pass application
- Arranging for student permits
- Establishing contact with embassies
- Organizing approvals from relevant authorities
- Counseling
- Advice on financial aid resources Admission

## International

- 8 passport-size photograph
- Certified true copy of passport
- Certified true copy of all academic examination certificates
- Processing fee: RM 500\* (non-refundable) payable to "AIMST SDN.BHD.REV Account"

## Malaysia

- 1 passport-size photograph
- Certified true copy of identification card
- Certified true copy of all academic examination certificates (e.g. SPM/STPM/A-LEVEL)
- Processing fee: RM 100\* (non-refundable) payable to "AIMST SDN.BHD.REV Account"

# AIMST PROGRAMMES

### Foundation Programmes

- Foundation in Science KPT(IPSJ/ (R2/010/3/0134) 07/23
- Foundation in Business KPT(IPSJ/ (R/010/3/0218) 07/19

### Diploma Programmes

- Diploma in Electrical and Electronic Engineering KPT(IPSJ/ (R2/523/4/0078) 02/22
- Diploma in Physiotherapy KPT(IPSJ/ (R2/726/4/0004) 11/21
- Diploma in Nursing KPT(IPSJ/ (R2/723/4/0068) 04/23

### Undergraduate Programmes

- Bachelor of Medicine and Bachelor of Surgery (MBBS) KPT(IPSJ/ (R2/721/6/0032) 07/25
- Bachelor of Pharmacy (Hons) KPT(IPSJ/ (R/722/6/0065) 07/20
- Bachelor of Dental Surgery KPT(IPSJ/ (R/724/6/0016) 11/19
- Bachelor of Dental Technology KPT(IPSJ/ (N/724/6/0017) 11/19
- Bachelor of Physiotherapy (Hons) KPT(IPSJ/ (R/726/6/0022) 03/23
- Bachelor of Science (Hons) Biotechnology KPT(IPSJ/ (R2/545/6/0024) 07/23
- Bachelor of Science (Hons) Bioinformatics KPT(IPSJ/ (N/421/6/0038) 12/21
- Bachelor of Nursing Science (Hons) KPT(IPSJ/ (N/723/6/0161) 06/22
- Bachelor of Engineering (Hons) in Electrical & Electronic Engineering KPT(IPSJ/ (R3/523/6/0075) 08/25
- Bachelor of Science (Hons) Finance and Management KPT(IPSJ/ (R/343/6/0175) 06/20
- Bachelor of Science (Hons) Business and Marketing KPT(IPSJ/ (R/340/6/0515) 06/20
- Bachelor of Science (Hons) Management Information Systems KPT(IPSJ/ (R/322/6/0004) 06/20
- Bsc. (Hons) Accounting and Finance KPT(IPSJ/ (R/344/6/0172) 08/25
- Bachelor of Science (Honours) Internal Auditing and Management KPT(IPSJ/ (N/345/6/0983) 12/21

### Postgraduate Programmes

- MSc in Biotechnology KPT(IPSJ/ (R/545/7/0051) 02/20
- MSc in Medical Biochemistry KPT(IPSJ/ (R/421/7/0026) 03/20
- MSc in Medical Physiology KPT(IPSJ/ (R/720/7/0099) 04/20
- MSc in Human Anatomy KPT(IPSJ/ (R/721/7/0068) 06/20
- MSc in Medical Microbiology KPT(IPSJ/ (R/421/7/0025) 11/20
- Master of Pharmacy (Clinical Pharmacy) KPT(IPSJ/ (N/727/7/0044) 10/18
- MSc in Pharmacy KPT(IPSJ/ (N/727/7/0053) 06/19
- MSc in Management KPT(IPSJ/ (R/345/7/0325) 05/25
- Master of Business Administration KPT(IPSJ/ (N/340/7/0558) 05/20
- Doctor of Philosophy in Management KPT(IPSJ/ (N/345/8/0326) 11/18
- Doctor of Philosophy (Biotechnology) KPT(IPSJ/ (R2/545/8/0048) 08/25
- Doctor of Philosophy (Pharmacy) KPT(IPSJ/ (N/727/8/0052) 06/19
- Doctor of Philosophy (Medical Microbiology) KPT(IPSJ/ (N/421/8/0037) 12/21



### Awards :



### Accredited by:

### Approved by:

### Financial Aids :



### Partner Universities:



### Industry Panels :

