



The University

AIMST has the distinction of being the first private university to be established in Kedah Darul Aman, and is a prestigious S&T tertiary institution that has strong research links with overseas universities.

AIMST fully subscribes to the tenets of the K-economy asserting that knowledge is the key contributor to economic growth and wealth creation as well as the basis of comparative advantage in a dawning era of globalization. Towards this end, the university will spare no efforts in attracting top quality tenured and associate staff both locally and overseas from time to time to conduct and develop its teaching and research programmes.

The University offers full-fledged degree programmes in areas of Medicine, Dental Surgery, Pharmacy, Biotechnology, Engineering, Business and Marketing, Management and Finance, Management Information Systems, Diploma in Nursing, Physiotherapy and Engineering, along with Foundation courses in Science and Business. The 230 acres ultra-modern University campus boasts of the enviable start-up facilities for its various courses and excellent student amenities, including accommodation, counseling services, students' health clinic, gymnasium, sporting and other recreational facilities.

Pharmacy Programme at AIMST

Pharmacy is one of the oldest professions. This profession has been in existence ever since people realized the importance of medicines to improve their health. Pharmacists play an essential role in the provision of quality healthcare, especially by way of dispensing safe and effective medicines.

Pharmacy is consistently ranked as one of the most respected and noble professions. It renders service to the society by providing pharmaceutical care practice that provides the basic information necessary to establish, support, deliver, and maintain medication management services, prevention and mitigation of diseases for improving their quality of life.

Pharmacy education focuses on:

- Pharmaceutical care practice
- Applying pharmaco-therapeutic knowledge to identify, prevent or resolve drug therapy problems
- Drug therapy assessment, monitoring and follow-up evaluation
- Optimize your patients' well-being by achieving therapeutic goals
- Establish a strong therapeutic relationship with your patients
- Provide patient counseling, follow-up evaluation and monitor compliance
- Work collaboratively with other patient care providers
- Promotion and contribution towards rational drug use
- Dispensing medication with maximum benefit to the patient
- Formulation & Quality Control of pharmaceutical products
- Provision of drug and poison information & pharmacovigilance

Being a Pharmacist

- Pharmacists have dynamic and rewarding careers in a constantly evolving professional environment.
- Opportunities are enormous in this growing field where there is always an increasing need for knowledge and skills related to safe and effective use of medications.
- As future pharmacists, the pharmacy students learn to take responsibility for handling patients' drug-related needs by identifying, preventing and resolving drug-related problems.
- They will work collaboratively with healthcare professionals to provide 'pharmaceutical care', a practice model in which competence, communication, care and commitment are the hallmarks.
- After completion of their courses, students should undergo one year pupillage training and 1 year compulsory service in government approved hospitals.

Vision of the Pharmacy Programme

Our vision is to become a centre of excellence in pharmacy education and research, be pre-eminent in the field of pharmaceutical sciences and pharmacy practice, and to contribute in enhancing the healthcare of the nation.

Mission of the Pharmacy Programme

Our mission is to empower our graduates with the knowledge, skills and values needed to deliver humanistic and evidence-based quality healthcare in Malaysia and the rest of the world, with an aptitude for continuing professional development.

Bachelor of Pharmacy (Hons) KPT (UPS) (PA 11771) 07/15

Programme Structure

Year 1

Student will be exposed to basic communications and English courses as well as basic bioscience and introductory courses in pharmacy.

Year 2

The students will be taught core pharmacy courses related to pharmaceuticals, pharmacology and chemistry, and compulsory courses.

Year 3

A combination of advanced level core courses in the area of pharmaceutical technology will be taught. The students will undergo industrial pharmacy training on completion of Year 3.

Year 4

Core courses related to clinical and community pharmacy services will be taught, which prepares the students to undergo the training in community, hospital and clinical pharmacy domains

Upon completion of the university programme, graduates have to undergo provisionally registered pharmacist training for 12 months in a government hospital or institutions recognized by the Pharmacy Board of Malaysia. Subsequently, they will be attached to the government hospital/institutions for a period of 1 year for compulsory service. The graduates are required to pass the Forensic Pharmacy and Ethics Examination conducted by the Pharmacy Board of Malaysia, before they are allowed to practice as Fully Registered Pharmacists.



Student Services & Activities

AIMST pledges to provide the best range of services and facilities to meet the needs of its students. We have a range of specialized services ready to assist and support them during their time at AIMST. Our Student Affairs Officers assist students in accommodation arrangements, transportation and even help organize extra-curricular activities for them.

Career Opportunities

- There are excellent employment opportunities in a wide range of health service settings (including private business, hospitals, clinics, government, military, pharmaceutical industries, academic and research institutions), with attractive remunerative packages.
- Pharmaceutical companies and government research agencies have an increasing need for R&D scientists, trained in pharmacy for the conduct and management of basic and applied research.
- Graduates can also enter into the emerging niche areas like Clinical Research Organizations (CROs), new drug discovery application and research.

Entry Requirement

A – Levels*

Grades 3Bs or 2A1C or 1A1B1C in Biology, Chemistry and Physics or Mathematics. Chemistry must be minimum grade B

STPM*

CGPA ≥ 3.0 in 3 subjects including minimum grade B in Chemistry

AIMST /Other Foundation in Sciences*#

GPA ≥ 3.5 including minimum grade B in Chemistry

Matriculation / Pre-medical or Pre-Pharmaceutical Studies*#

GPA ≥ 3.0 including minimum grade B in Chemistry

Diploma in Science*# (Chemistry / Biology / Physics)

CGPA ≥ 3.75 including minimum grade B in Chemistry

Diploma in Pharmacy *#

CGPA ≥ 3.5

Degree

Science- based undergraduate degree with CGPA ≥ 2.75

CPU / CIMP/ Canadian Grade 12/13

Aggregate ≥ 65 % in 3 science subjects including Chemistry and any 2 of the following subjects: Mathematics, Physics or Biology

SAM

Average score 14 in 3 science subjects including Chemistry and any 2 of the following subjects: Mathematics, Physics or Biology

UNSW FOUNDATION

CGPA ≥ 3.0 in 3 science subjects including Chemistry and 2 of the following subjects: Mathematics, Physics or Biology

INTERNATIONAL BACCALAUREATE (IB)

Min score of 33 points

INDAN PRE UNIVERSITY/HSC/SSC

Aggregate 80% in 3 science subjects including Chemistry and any 2 of the following subjects: Mathematics, Physics or Biology and any 1 other subject

BANGLADESH HSC

Grades A in 3 subjects including Chemistry (A: 70-79%)

NSW HSC

CGPA ≥ 3.5 (Grade B, B, B in 3 science subjects including Chemistry)

UEC

B4 or 70% aggregate in 5 subjects including Chemistry, Mathematics, Physics, Biology and another one subject. Must pass Bahasa Malaysia

* Must obtain minimum grade C in Bahasa Malaysia & English at SPM level & Must obtain minimum band 3 in MUET before graduation.

SPM at least grade B4 or B in the following subjects – Maths (OR Additional Maths), Chemistry, Physics and Biology and in another subject.

Interview: All eligible applicants are required to attend an interview (to be conducted by AIMST University)

Financial Aid

The University assists in obtaining financial aid for students through a number of agencies. All degree students are eligible to apply for the PTPTN loan. In addition, AIMST students are also eligible for the AIMST arranged bank loans.

*Terms & Conditions apply

Curriculum

Basic biomedical sciences and core pharmacy courses designed within the programme for the Faculty of Pharmacy will help to achieve the vision and mission. Further industrial, hospital and community pharmacy training are also incorporated in the curriculum to provide a hands-on experience at the various pharmaceutical industries, MOH hospitals and community pharmacies identified by AIMST, which ultimately helps to enhance the practical skills and self confidence among our students.

Year	Core Courses
First	Introduction to Pharmacy Anatomy Physiology Pharmaceutical Organic Chemistry I Pharmaceutical Organic Chemistry II Microbiology Pharmaceutical Inorganic Chemistry Introduction to Computer Science and Statistics Communication Skills English for Specific Academic Purposes Pendidikan Moral; or Pengajian Islam Elective (any one) Sociological Perspectives Introduction to Entrepreneurship Introduction to Communication Introduction to History
Second	Biochemistry Physical Pharmaceutics Dosage Form I Pathology Pharmacology I Immunology and Applied Microbiology Dosage Form II Pharmacy Informatics Pharmacognosy English for Professional Purposes Bahasa Kebangsaan A; or Bahasa Kebangsaan B Elective (any one) Sociological Perspectives Introduction to Entrepreneurship Introduction to Communication Introduction to History
Third	Pharmacology II Dosage Form Design Pharmaceutical Technology Pharmaceutical Analysis Medicinal Chemistry I Research Project Pharmacology III Applied Therapeutics I Pharmaceutical Biotechnology Good manufacturing Practice and Quality Control Hospital Pharmacy Medicinal Chemistry II Industrial Training
Fourth	Pharmacology IV Clinical Pharmacy Forensic Pharmacy and Ethics Clinical Pharmacokinetics Applied Therapeutics II Geriatric Pharmacy Drug Modeling Cosmetics and Toiletory Clinical Pharmacy Training Community Pharmacy Pharmacoepidemiology Drug Abuse and Society Pharmaceutical Management and Entrepreneurship Public Health Pharmacy Pharmacoeconomics Alternative Medicine Hospital Training

Student Counselling & Support Services

On-campus counselling service aims to contribute to the welfare and the well being of the student population. Our professionals cater to individuals and groups, career services and disability support.