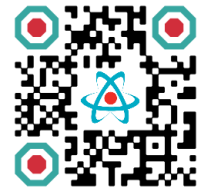




**Undergraduate  
Programme**

**Faculty of  
PHARMACY**



# Bachelor of Pharmacy (Hons)

(R/727/6/0065) (07/20) (MQA/FA 8482)



## Introduction

Pharmacy 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 the quality of life.

## Pharmacy education focuses on:

- Pharmaceutical care practice
- Applying pharmacotherapeutic knowledge to identify, prevent or resolve drug therapy-associated problems
- Monitoring, assessing and evaluating drug therapy outcome
- Optimizing the patient's well-being by achieving the therapeutic goals.
- Providing patient counseling and monitoring the compliance
- Working collaboratively with other health care providers
- Promotion and contribution towards rational drug use
- Dispensing medication to achieve maximum benefit to the patient
- Formulation & quality control of pharmaceutical products
- Provision of drug and poison information
- Understanding the principles of pharmacoeconomic, pharmacoepidemiology and pharmacovigilance
- Synthetic chemistry and pre-clinical evaluation.

## 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.
- 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.
- They can engage in formulation and evaluation of various dosage forms in pharmaceutical industry.
- The career prospect includes regulatory affairs and research in pharmaceutical field.

## 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.

## Curriculum

AIMST Bachelor of Pharmacy curriculum is designed based on Outcome Based Education and the syllabus are integrated. Industrial, hospital and community pharmacy training are also incorporated in the curriculum to provide hands-on experience in various pharmaceutical industries, MOH hospitals and community pharmacies identified by AIMST University, which ultimately help to enhance the practical skills and self confidence among the students.

## Programme Structure

### Year 1

The students will be introduced to basic bioscience, introductory courses in Pharmacy which includes general pharmacology and pharmaceuticals.

### Year 2

The students will be taught core pharmacy courses and integrated modules on various systems and pharmacotherapy for their disorders.

### Year 3

A combination of advanced level core courses in areas of Pharmaceutical Technology, Pharmacy Practice and Clinical pharmacy. In addition, students will undergo industrial pharmacy training.

### Year 4

Core courses related to clinical pharmacy will be taught which prepares the students to undergo training in hospital and clinical pharmacy domains. In addition, students will be taking pharmacy and non-faculty elective courses.

The students are required to pass the National qualifying Examination to practice pharmacy before undergoing Provisionally Registered Pharmacist (PRP) training for a minimum of 12 months and 1 year compulsory service.





YEAR	SEMESTER	COURSES
ONE	I	Introduction to Pharmacy Anatomy & Physiology Microbiology Pharmaceutical Chemistry I Hubungan Etnik ESAP Introduction to Entrepreneurship
	II	Pharmaceutical Chemistry II Introduction to Medicinal Chemistry Immunology Dosage Form General Pharmacology & Trichology TITAS EPP General Psychology
TWO	I	Introduction to Clinical Pharmacy Biochemistry Physical Pharmaceutics Peripheral Nervous System & Pharmacotherapy Gastrointestinal, Endocrine Systems & Pharmacotherapy Research Methodology & Biostatistics
	II	Pulmonary, Renal Systems & Pharmacotherapy Cardiovascular Systems & Pharmacotherapy Pharmacognosy Pharmaceutical Technology Public Health Pharmacy Elective U4 Activites
THREE	I	Central Nervous System & Pharmacotherapy Basics to Industrial Pharmacy Community Pharmacy Forensic Pharmacy & Ethics Pharmaceutical Analysis Dosage Form Design I Research Project I
	II	Dosage Form Design II Pharmaceutical Biotechnology Antimicrobials & Anti-infectives Clinical Pharmacokinetics Hospital Pharmacy Industrial Training Research Project II
FOUR	I	Antineoplastic & Immunomodulators Pharmaceutical Management Applied Therapeutics I Counselling skills for Pharmacists Hospital Training  <b>Elective (1 out 6):</b> 1. Geriatric Pharmacy 2. Drug Modeling 3. Cosmetics and Toiletries 4. Preclinical Drug Evaluation 5. Pharmacogenomics & Pharmacogenetics 6. Rehabilitation Medicine
	II	Applied Therapeutics II Pharmacoeconomics & Pharmacoepidemiology Drug Information Services Clinical Pharmacy Training Advanced Drug Delivery Systems  <b>Elective (1 out 5)</b> 1. Nutraceutical Pharmacy 2. Traditional, Complementary & Alternative Medicine 3. Drug Abuse and Society 4. Intellectual Property Rights 5. Ergonomics and Occupational Health

### 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  $\geq$  3.0 with grade BBB, ABC or AAC in 3 subjects which is in: Biology, Chemistry and Physics or Mathematics. Minimum grade B in Chemistry subject. Overall CGPA  $\geq$  3.0

#### AIMST/ Matriculation/Other Foundation in Sciences\*#

CGPA  $\geq$  3.0 including minimum grade B in Chemistry.

Overall CGPA  $\geq$  3.0 Duration : Min 1 year

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

CGPA  $\geq$  3.0 including minimum grade B in Chemistry. Duration : Min 1 year

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

CGPA  $\geq$  3.75 including minimum grade B in Chemistry

#### Diploma in Pharmacy\*#

CGPA  $\geq$  3.5

#### Degree in Science

Science-based undergraduate degree with CGPA  $\geq$  2.75

(Note : CGPA 2.75 = Grade C+)

#### CPU / CIMP

Pass Canadian International Matriculation Program (CIMP)/Canadian Grade 12/13 Canadian Pre University (CPU) with minimum 73% (aggregate) in Chemistry Subject.

#### SAM

Pass South Australian Matriculation (SAM) with minimum average score 14 or 73% (aggregate) in Chemistry.

#### UNSW (University of New South Wales Foundation)

Pass UNSW with minimum B4 or 73% (aggregate) in Chemistry

#### INTERNATIONAL BACCALAUREATE (IB)

Pass International Baccalaureate (IB) with Minimum score 33 for 3 subjects : Biology, Chemistry, Physics or Maths

#### INDIAN PRE UNIVERSITY/HSC/SSC

Pass Indian Pre University/HSC/SSC with 80% (aggregate) in Chemistry subject

#### BANGLADESH HSC

Pass HSC Bangladesh with Grade A (70-79%) for 3 subjects: Biology, Chemistry and Physics or Maths.

#### NSW HSC

Pass New South Wales: Higher School Certificate (NSW HSC) with minimum Grade BBB,ABC or AAC in: Biology, Chemistry and Physics or Maths

#### UEC

Pass with B4 in 5 subjects i.e. Biology, Chemistry, Physics, Mathematics and any other subject with pass in Bahasa Malaysia.

#### Other Qualification

Other equivalent qualification that is recognized by Malaysian government.

\*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)

Must obtain minimum band 3 in MUET before graduation

Or

TOEFL score of 550 Or Band 6 in IELTS with minimum Band 5.5 in each skill – Writing, Reading, Listening/Speaking (WRLS)

**Pre-condition:** Malaysian applicants who seek employment in the public sector are required to attain credit in Bahasa Malaysia & English



## Testimonials




**Bachelor of  
Pharmacy,  
Graduated  
in 2012**

**Goh Mun Fye**

AIMST Bachelor of Pharmacy (hons) degree gave me so many happy memories and friends for life. I was exposed to advancement of pharmaceutical technology during my study. AIMST had created a fantastic environment for me to develop my skills and interest. The dedicated lecturers and their immense knowledge in the pharmacy field are remarkable.

I am proud that I joined the Faculty of Pharmacy, AIMST University few year backs. The faculty has prepared me well, in academic, professional knowledge as well as soft skills and confidence, to deal with the challenges in the future. The greenery campus with the state of art facilities provided conducive environment for studies.



**Bachelor of  
Pharmacy,  
Graduated  
in 2013**

**Sunitha Ganesan**


As a student in the AIMST University, Faculty of Pharmacy, I have been able to develop the necessary professional expertise while having the opportunity to get involved in various campus activities like faculty events, sports and public health campaigns. The curriculum design definitely creates knowledgeable, experienced pharmacists that have the ability to make a difference in the healthcare profession. The dedication, support and motivation of each of the lecturers are remarkable and enable me to achieve my dream.



**Bachelor of  
Pharmacy,  
Graduated  
in 2016**

**Puspavathy Kanniappan**

I am proud that I joined the Faculty of Pharmacy, AIMST University few year backs. The faculty has prepared me well, in academic, professional knowledge as well as soft skills and confidence, to deal with the challenges in the future. The greenery campus with the state of art facilities provided conducive environment for studies.



**Bachelor of  
Pharmacy,  
Graduated  
in 2015**

**Heng Wei Kai**

# Pharmacy State of the Art Facilities



## 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 (R2/010/3/0134) (07/23) (A 9160)
- Foundation in Business (R2/010/3/0218) (07/24) (A 10633)

### Diploma Programmes

- Diploma in Electrical and Electronic Engineering (R2/523/4/0078) (02/22) (A 7448)
- Diploma in Physiotherapy (R2/726/4/0004) (11/21) (A 7211)
- Diploma in Nursing (R2/723/4/0068) (04/23) (MQA/FA 3099)

### Undergraduate Programmes

- Bachelor of Medicine and Bachelor of Surgery (MBBS) (R2/721/6/0032) (07/25) (MQA/FA 4034)
- Bachelor of Dental Surgery (R2/724/6/0016) (08/26) (MQA/FA 3470)
- Bachelor of Dental Technology (N/724/6/0017) (05/20) (MQA/FA 0208)
- Bachelor of Pharmacy (Hons) (R/727/6/0065) (07/20) (MQA/FA 8482)
- Bachelor of Physiotherapy (Hons) (R/726/6/0022) (03/23) (MQA/FA 1192)
- Bachelor in Nursing Science (Hons) (N/723/6/0161) (06/22) (MQA/PA 5046)
- Bachelor of Science (Hons) Biotechnology (R2/545/6/0024) (07/23) (A 9263)
- Bachelor of Science (Hons) Bioinformatics (N/421/6/0038) (12/21) (MQA/PA 6184)
- Bachelor of Engineering (Hons) in Electrical & Electronic Engineering (R3/523/6/0075) (08/25) (MQA/FA 2774)
- Bachelor of Electronic Engineering with Hons (N/523/6/0313) (09/24) (MQA/PA 11676)
- Bachelor of Science (Hons) Finance and Management (R2/343/6/0175) (08/26) (A 4797)
- Bachelor of Science (Hons) Business and Marketing (R2/340/6/0515) (08/26) (A 4798)
- Bachelor of Science (Hons) Management Information Systems (R2/322/6/0004) (08/26) (A 4799)
- Bachelor of Science (Hons) Accounting and Finance (R/344/6/0172) (08/25) (MQA/FA 2849)

### Postgraduate Programmes

- Master in Science (Medical Biochemistry) (R2/421/7/0026) (03/25) (A 9669)
- Master in Science (Medical Physiology) (R2/720/7/0099) (08/24) (A 9670)
- Master in Science (Human Anatomy) (R2/721/7/0068) (08/24) (A 9339)
- Master of Science (Medical Microbiology) (R/421/7/0025) (11/20) (A 9590)
- Master of Pharmacy (Clinical Pharmacy) (R/727/7/0044) (10/23) (MQA/FA 2491)
- Master of Science (Pharmacy) (R/727/7/0053) (06/24) (MQA/FA 3541)
- Master of Science (Pharmaceutical Chemistry) (N/727/7/0084) (01/23) (MQA/PA 8239)
- MSc Biotechnology (R2/545/7/0051) (02/27) (A 4623)
- Master of Physiotherapy (Musculoskeletal) (N/726/7/0032) (09/26) (MQA/PA 11198)
- Master of Science in Management (R/345/7/0325) (05/25) (MQA/FA 2847)
- Doctor of Philosophy (Biotechnology) (R2/545/8/0048) (08/25) (A 8453)
- Doctor of Philosophy (Pharmacy) (N/727/8/0052) (12/19) (MQA/FA 3542)
- Doctor of Philosophy (Medical Microbiology) (N/421/8/0037) (12/21) (MQA/PA 6185)



For further information on courses and registration procedure please contact:

## Student Recruitment Division

### Campus

**AIMST University**  
Semeling, 08100 Bedong  
Kedah Darul Aman, Malaysia  
Tel: +604-429 8108 (D/L)  
Tel: +604-429 8000 (G/L)  
Fax: +604-429 8009

### Kuala Lumpur Office

1st Floor, Menara Manickavasagam,  
No.1, Jalan Rahmat, 50350  
Kuala Lumpur, Malaysia  
Tel: +603- 4042 2885  
Fax: +603-4045 6377



[www.aimst.edu.my](http://www.aimst.edu.my)



[choose@aimst.edu.my](mailto:choose@aimst.edu.my)



[aimst2u](https://www.facebook.com/aimst2u)



[aimstuniversity](https://www.instagram.com/aimstuniversity)



+604-429 8000 / 8108



+604- 429 8009

### Awards :



### Partner Universities:



### Accredited by:

### Approved by:

### Financial Aids :



### Industry Panels :

