ENTRY REQUIREMENTS

Bumiputera with the following qualifications are eligible to apply:

For candidates from STPM programme:

a. Pass STPM or equivalent with minimum CGPA 3.0, and Grade B (GPA of not less than 3.00) in Chemistry, and
b. Pass SPM or equivalent inclusive of a credit in Bahasa Melayu and Grade C in English, and
c. MUET Band 3

For candidates from the Asasi or Matriculation Programme:

a. Has achieved a minimum CGPA of 3.5 in Asasi UiTM/PASUM/Matriculation, with minimum Grade B in Chemistry, and
b. Pass SPM or equivalent inclusive of a credit in English and Grade B in Biology, Chemistry, Physic, and Mathematics or Additional Mathematics and one other subject.

c. MUET Band 3

For candidates from the Diploma Programme:

Diploma Pharmacy UiTM

a. Diploma in Pharmacy from UiTM with CGPA of at least 3.50, and
b. Pass SPM or equivalent inclusive of a credit in Bahasa Melayu and at least Grade C in English, and
c. Has achieved excellence in Chemistry, Biology/Physics and Mathematics of Grade B in Biology, Chemistry, Physic, and Mathematics or Additional Mathematics and one other subject; and
d. MUET, A minimum of band 3

Diploma in Science UiTM

a. Diploma in related sciences (Chemistry, Biology, Physic) from UiTM with CGPA of at least 3.75 including Grade B in Chemistry, and
b. Pass SPM or equivalent inclusive of a credit in Bahasa Melayu and at least Grade C in English, and
c. Has achieved excellence in Chemistry, Biology/Physics and Mathematics of Grade B in Biology, Chemistry, Physic, and Mathematics or Additional Mathematics and one other subject; and
d. MUET, A minimum of band 3

ENTRY REQUIREMENTS

a. A pass in SPM or its equivalent as recognized by the Malaysian Government with at least five (5) credits including Bahasa Malaysia and English;
b. A minimum Grade of Grade C in
   - Additional Mathematics/Mathematics
   - Chemistry
   - Biology
   - Or a pass in UiTM's Pre Diploma Science (PD008) with CGPA of at least 3.50

STUDENT INTAKE

May every year

Please submit your online application at: http://www.mohe.gov.my

For further enquiries, please contact:

Dean
Faculty of Pharmacy
Universiti Teknologi MARA
Puncak Alam Campus
Level 11, Building FF1
42300 Bandar Puncak Alam
Selangor Darul Ehsan
Tel: 03-3258 4645
Fax: 03-3258 4602
Email: aishah_adam@puncakalam.uitm.edu.my
Website: www.pharmacy.uitm.edu.my

DIPLOMA IN PHARMACY – (PH110)

PROGRAMME STRUCTURE

The Diploma in Pharmacy a niche programme of the faculty, being only Diploma of Pharmacy programme approved by the Public Services Department. The programme is aimed at training pharmacy assistants (formerly known as dispensers). Included in this programme are courses in the Life Sciences, Mathematics, Chemistry, Pharmaceutics, Pharmacotherapy, Sterile Pharmaceutics and Communication Technology in Pharmacy. These courses are taught in the first and second years of the programme. Students undergo practical training in major hospitals to gain hands-on experience in the third (final) year.

CAREER OPPORTUNITIES

Pharmacy assistants help registered, licensed pharmacists to dispense medications and healthcare products to patients. There is strong demand for Pharmacy Assistants in government and private hospitals, community pharmacies and the pharmaceutical industry. The job prospect is expected to be further enhanced due to the current and future expansion of healthcare services in the country.

Qualified Diploma of Pharmacy holders of students can apply to pursue Bachelor of Pharmacy (Hons.) programme.

SPONSORSHIP

Students may apply for scholarships or loans offered by various states, Public Service Department (JPA), Majlis Amanah Rakyat (MARA), Ministry of Defence, Perbadanan Tabung Pendidikan Tinggi Nasional (PTPTN) or the private sector.

STUDENT INTAKE

September every year

The programmes offered by this faculty are:

Ph.D Programmes (By Research)

PH950 Doctor of Philosophy (Pharmacogenomics)
PH951 Doctor of Philosophy (Pharmacoinformatics)
PH952 Doctor of Philosophy (Pharmacognosy)
PH953 Doctor of Philosophy (Cosmetic Pharmacy)
PH954 Doctor of Philosophy (Pharmacoeconomics)
PH955 Doctor of Philosophy (Pharmacoepidemiology)
PH956 Doctor of Philosophy (Microbiology)
PH957 Doctor of Philosophy (Biochemistry)
PH958 Doctor of Philosophy (Nuclear Pharmacy)
PH959 Doctor of Philosophy (Veterinary Pharmacy)
PH960 Doctor of Philosophy (Pharmacy Education)
PH961 Doctor of Philosophy (Neuroscience)
PH962 Doctor of Philosophy (Social Pharmacy)
PH963 Doctor of Philosophy (Public Health Pharmacy)
PH964 Doctor of Philosophy (Pharmaceutics)
PH965 Doctor of Philosophy (Cosmetics)
PH966 Doctor of Philosophy (Pharmacology)
PH967 Doctor of Philosophy (Physiology)
PH968 Doctor of Philosophy (Toxicology)
PH969 Doctor of Philosophy (Pharmaceutical Chemistry)
PH970 Doctor of Philosophy (Clinical Pharmacy)

M.Sc Programmes (By Research)

PH750 Master of Science (Pharmacogenomics)
PH751 Master of Science (Pharmacoinformatics)
PH752 Master of Science (Pharmacognosy)
PH753 Master of Science (Community Pharmacy)
PH754 Master of Science (Pharmacoeconomics)
PH755 Master of Science (Pharmacoepidemiology)
PH756 Master of Science (Microbiology)
PH757 Master of Science (Biochemistry)
PH758 Master of Science (Nuclear Pharmacy)
PH759 Master of Science (Veterinary Pharmacy)
PH760 Master of Science (Pharmacy Education)
PH761 Master of Science (Neuroscience)
PH762 Master of Science (Social Pharmacy)
PH763 Master of Science (Public Health Pharmacy)
PH764 Master of Science (Pharmaceutics)
PH765 Master of Science (Cosmetics)
PH766 Master of Science (Pharmacology)
PH767 Master of Science (Physiology)
PH768 Master of Science (Toxicology)
PH769 Master of Science (Pharmaceutical Chemistry)
PH770 Master of Science (Clinical Pharmacy)

Master Programmes (By Coursework)

PH771 Master in Clinical Pharmacy
PH772 Master in Pharmacy Practice

Bachelor Programme

PH240 Bachelor of Pharmacy (Hons.)

Diploma Programme

PH110 Diploma in Pharmacy
DOCTOR OF PHILOSOPHY (Ph.D)

ENTRY REQUIREMENTS
a. A Master’s degree in Science or related fields from UiTM or any other institutions of higher learning recognized by UiTM Senate or
b. An Honours Degree in Pharmacy or a science-related field with a minimum CGPA of 3.00 from UiTM or any other institutions of higher learning recognized by UiTM Senate or

c. Other qualification equivalent to the Master’s degree in a relevant field with appropriate experience in a related field recognized by UiTM Senate or
d. A candidate is required to submit a research proposal and will be interviewed by members of Postgraduate Committee.

e. International candidates must have a TOEFL score of 550 or an IELTS score of at least Band 6.

MASTER OF SCIENCE (M.Sc)

ENTRY REQUIREMENTS
a. An Honours Degree in Pharmacy or a science-related field with a minimum CGPA of 2.50 from UiTM or any other institution of higher learning recognized by UiTM Senate or
b. Other qualifications equivalent to a first degree (in a relevant field) with appropriate experience in a related field recognized by UiTM Senate or
c. A candidate is required to submit a research proposal and will be interviewed by members of Postgraduate Committee.

d. International candidates must have a TOEFL score of 550 or an IELTS score of at least Band 6.

STUDENT INTAKE
Throughout the year

AREAS OF SPECIALISATION
- Physiology / Pharmacology / Toxicology / Pharmacogenomics
- Chemistry of Natural Products (Phytochemistry, Microbial metabolites, Synthesis)
- Molecular modeling (drug-ligand interactions, quantum chemistry, QSARs)
- Medicinal and Supramolecular Chemistry
- Pharmaceutics (Tableting, encapsulation and nanoparticles)
- Pharmaceutical Technology
- Clinical Pharmaceutics
- Nutraceuticals
- Cosmeceutics
- Neurosciences
- Pharmacy Practice (Clinical Pharmacy & Community Pharmacy)
  - Pharmacy
  - Pharmacopoeidiology
  - Evidence-based Medicine
  - Public Health Pharmacy
- Pharmacy Management
- Pharmacoeconomics
- Pharmacy Informatics
- Traditional and Complementary Medicine
- Sports Pharmacy

INSTRUMENTATION TRAINING
Students will be trained in specific equipment relevant to the conduct of research including:
- Gas Chromatography-Mass Spectrometry
- High Performance Liquid Chromatography
- Liquid Chromatography-Mass Spectrometry
- Scanning High Performance Liquid Chromatography
- Polychrome Chain Reaction (PCR)
- Cell Cultures
- Bacterial Colony Plate
- Protein Magnetic Resonance
- Microwave synthesis
- Differential Scanning Calorimetry
- Fourier Transforms Infrared Spectroscopy
- Laser Induced Fluorescence
- Automatic Milling (Pharmaceutical Studies)
- Lung simulators

MODE AND DURATION

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<tr>
<th>Mode</th>
<th>Master's in Pharmacy</th>
<th>PhD</th>
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<tr>
<td>Time</td>
<td>Research</td>
<td>Research</td>
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<tr>
<td>Part Time</td>
<td>4–6 semesters</td>
<td>6–10 semesters</td>
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<tr>
<td>Full Time</td>
<td>4–8 semesters</td>
<td>6–12 semesters</td>
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</tbody>
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For further enquiries, please contact:

Dr. Mahmadi a/p Karpuppann
Faculty of Pharmacy
Universiti Teknologi MARA
Puncak Alam Campus
Level 11, Building F1
42300 Bandar Puncak Alam
Selangor Darul Ehsan
Tel: 03-3258 4632
Fax: 03-3258 4662
Email: mahmadi@puncakalam.uitm.edu.my

Masters in Pharmacy Practice – PPh77

ENTRY REQUIREMENTS
b. Degree in Pharmacy (Hons) accredited by the Pharmacy Board Malaysia with a CGPA of 3.00 and above from UiTM or any other institutions of higher learning recognized by the UiTM Senate, or
c. Degree in Pharmacy (Hons) accredited by the Pharmacy Board Malaysia with a CGPA of 2.75-2.99 and above from UiTM or any other institutions of higher learning recognized by the UiTM Senate and working experience of at least 2 years in related field, or
d. Degree in Pharmacy (Hons) accredited by the Pharmacy Board Malaysia with a CGPA of 2.50-2.74 and above from UiTM or any other institutions of higher learning recognized by the UiTM Senate and working experience of at least 2 years in related field, or
e. Degree in Pharmacy (Hons.) accredited by the Pharmacy Board Malaysia with a CGPA of 2.50-2.74 and above from UiTM or any other institutions of higher learning recognized by the UiTM Senate with equivalent CGPA, and
f. Any other qualification required by university.

MODE AND DURATION
Full Time: 1.5 year – 2 years

COURSES OFFERED
- Healthcare Economics
- Health Policy and Administrative Pharmacy
- Pharmacoeconomics
- Pharmacoepidemiology
- Evidence Based Medicine and Meta-Analysis
- Advance Research Methodologies and Application
- Pharmacy, Health And Medical Sociology
- Adverse Drug Reactions and Reporting
- Drug Informatics and Pharmacoinformatics
- Dissertation

For further enquiries, please contact:

Prof. Dr. Mohamed Mansor Manan
Faculty of Pharmacy
Universiti Teknologi MARA
Puncak Alam Campus
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42300 Bandar Puncak Alam
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Tel: 03-3258 4657
Fax: 03-3258 4662
Email: mohammam@puncakalam.uitm.edu.my

BACHELOR OF PHARMACY (HONS) – (PH240)

PROGRAMME STRUCTURE

Various approaches are taken to teaching and learning. These include lectures, problem-based learning, tutorials, practical sessions, independent learning, computer-aided learning, clinical skills session and clinical pharmacy training. The duration of this programme is four (4) years.

In the first year, students go through basic science courses in pharmacy, such as organic and inorganic chemistry, histology, biochemistry, general aspects of pharmacy and pharmacology and introduction to pharmaceutics. These provide the students with a strong basic knowledge that facilitates learning in the subsequent three years. In the second and third years, courses offered are mainly system-based pharmacotherapeutics, pathology, microbiology and immunology, dosage from design, pharmacogonosy, industrial pharmacy and pharmaceutical bioengineering. In the final year, students will spend a substantial part of the learning in healthcare facilities, including hospitals, clinics, sterile laboratories and outpatient and satellite pharmacies. Students will be taught the art and silence of clinical pharmacy practice, including ethics and forensic pharmacy under the supervision of clinical pharmacy lectures and medical practitioners. Bachelor of Pharmacy (Hons). Students are required to undertake minor studies in management and entrepreneurship.

CAREER OPPORTUNITIES

There is a great demand for pharmacy graduates in both the government and private sectors. Employment opportunities are available at the hospitals, general and retail community pharmacies, industrial pharmacy, business and commercial sectors, research institute, institutions of higher learning and enforcement pharmacy services.

Pharmacists in healthcare facilities dispense medicines and advise the medical staff on the selection and effects of drugs. Some pharmacists specialize in specific drug therapy areas, such as therapeutic drug monitoring, intravenous nutrition support, anology (cancer chemotherapy), nuclear pharmacy, geriatric pharmacy and psychopharmacotherapy (the treatment of mental disorders with drugs). Pharmacists in community and retail pharmacies counsel patient and answer questions regarding prescription drugs including questions of possible side effects of the interactions of various drugs.

Another area for a career in pharmacy is the pharmaceutical industry where the pharmacist manages and directs the manufacture of chemicals, prescription and non-prescription drugs and other health products. Pharmacists may also be involved in marketing, research and product development quality control, sales and administration. Pharmacists with a postgraduate degree and/or training may pursue a career in teaching and research.