

FACULTY OF PHARMACEUTICAL SCIENCES

• BPHARM (HONS)

ALSO AVAILABLE

- MSC PHARMACEUTICAL CHEMISTRY
- MSC PHARMACEUTICAL TECHNOLOGY



www.ucsiuniversity.edu.my

 **UCSI University**[®]



FACULTY OF PHARMACEUTICAL SCIENCES

UCSI University's Faculty of Pharmaceutical Sciences offered a recognised Pharmacy degree and postgraduate programme since year 2000. Today, the Faculty boasts dedicated academic staff, cutting-edge teaching and research facilities with seven fully equipped teaching labs and a specialised research lab.

The Faculty of Pharmaceutical Sciences in UCSI University has an established track records of training pharmacists and scientist since year 2000. It Offers both undergraduate and postgraduate programmes with emphasis on serving the community and collaborations with the hospitals and students' focus learning industries.

The four-year Bachelor of Pharmacy (Hons) degree programme offers an enriching experience where students learn under the tutelage of the University's dedicated teaching staff. At UCSI University, academics are active in research and the dissemination of knowledge is enhanced by innovative teaching methods and frequent publications.

At the Faculty, students receive a number of hospital and industrial exposure to various student-linked experiences such as industrial training, community clerkship, hospital pharmacy clerkship and various visitations. Besides formal lectures, students receive invaluable practical guidance from external partners, experienced industrial speakers, appointed pharmacists and doctors incorporated under the various Faculty departments.

Research is a significant component in the Faculty of Pharmaceutical Sciences. The Faculty offers dynamic postgraduate programmes with industrial linkages to ensure the competitiveness of its graduates – who are also experienced researchers – lead the Faculty's postgraduate programmes namely, the Master of Science in Pharmaceutical Chemistry and Master of Science in Pharmaceutical Technology. This fusion of course work and research that has been integrated into our teaching methodologies enables learners to understand the power of creative and critical thinking as they continue their pursuit of new knowledge. Postgraduate students have the opportunity to work with the industries, starting from the research proposal planning to ensure the applicability of their research work to the real world.

BACHELOR OF PHARMACY (HONS)

Malaysia is rapidly advancing in various areas of pharmacy, including pharmaceutical biology, pharmaceutical technology, pharmaceutical chemistry and clinical pharmacy to name a few. The Faculty of Pharmaceutical Sciences conduct excellent curriculum to meet the rapidly changing demand of the country and the world. The early part of the B.Pharm (Hons) curriculum focuses students on the fundamental knowledge in pharmacy as the foundation for later years. The curriculum is unique in that it starts off with integrated courses where four main disciplines in pharmacy are being taught for each body system studied. Students appreciate this mode of learning as it enhances their understanding. This will serve as a strong foundation later as they practice as pharmacists. Students in the programme experience various attachments to enhance their knowledge and skills in pharmacy. The UCSI pharmacy programme trains students with creative and critical thinking, in addition to the research skills needed for their career advancement.

The courses in the programme are arranged into four main disciplines within the Faculty as listed.

- Physiology & Pharmacology
- Pharmaceutical Chemistry
- Pharmaceutics & Pharmaceutical Technology
- Clinical Pharmacy & Pharmacy Practice

UCSI University's Pharmacy curriculum emphasises training of professional, competent and competitive pharmacy graduates with focus on practical skills by emphasising academic ability, research skills and soft skills, while also highlighting communication, team work, critical thinking, innovative thinking, entrepreneurship and leadership.

COURSES OFFERED

Year 1

- General Chemistry for Pharmacy
- Introductory Physiology
- Microbiology for Pharmacy
- Professional Skills I (MPU - U2)
- Extracurricular Learning Experience (MPU - U4)
- Organic Chemistry
- Basic Pharmacology & Immunopharmacology
- Basic Medicinal Chemistry
- Professional Skills II (MPU - U2)
- Biostatistics for Pharmacy
- Introductory Clinical Pharmacy

Year 2

- Biochemistry for Pharmacy
- Physical Pharmacy
- Dispensing & Compounding
- Antimicrobial Therapy I
- Nervous System & Pharmacotherapy I
- Antimicrobial Therapy II
- Aseptic Dispensing
- Pulmonary, Renal & Pharmacotherapy
- Endocrine System & Pharmacotherapy
- Nonprescription Drugs
- Marketing for Pharmacy

Year 3

- Pharmaceutical Analysis I
- Dosage Form Design I
- Cardiovascular System, Blood & Pharmacotherapy
- Gastrointestinal System & Pharmacotherapy
- Evidence Based Medicine
- Basic Pharmacokinetics
- Extracurricular Learning Experience (MPU - U4)
- Pharmaceutical Analysis II
- Pharmacognosy
- Clinical Pharmacokinetics
- Dosage Form Design II
- Biotechnology & Pharmacogenomics
- Nervous System & Pharmacotherapy II
- Drug of Abuse & Society

Year 4

- Hospital Pharmacy Practice
- Pharmacy Management
- Pharmacotherapy I
- Pharmacy Clerkship
- Research Project **OR**
- Geriatric Pharmacy
- Religions in Malaysia (MPU - U3)
- Cancer Chemotherapy
- Pharmacotherapy II
- Clinical Clerkship
- Pharmacy Law & Ethics
- Pharmacoeconomics
- Pharmacoepidemiology
- Industrial Management

General Subjects (MPU) are compulsory for all students.

U1 – For Malaysian students :

1. Ethnic Relations
2. Islamic Civilisation and Asian Civilisation

– For Foreign students:

1. Malaysian Studies
2. Communication in Bahasa Melayu 3

U2 – Professional Skills I & II

U3 – Religions in Malaysia

U4 – Extra-curricular Learning Experience 1 to 3

All information is correct at the time of printing and UCSI University reserves the right to make amendments without prior notice.

ENTRY REQUIREMENTS

Admission into Foundation year

SPM Minimum five (5) 'B' grades in Biology, Chemistry, Physics and Mathematics (or Add. Mathematics) and another subject

Other Academic Qualifications Case-to-case basis**

INTAKES **January, May and September**

Note

All Malaysians must possess credits in B.Malaysia and English at SPM level

Admission into Degree year

Compulsory Subjects: Chemistry, Biology and Maths/ Physics

A- Level BBB or AAC or ABC including a minimum 'B' grade in Chemistry.

STPM CGPA 3.0 including a minimum 'B' grade in Chemistry.

Matriculation CGPA 3.0 including a minimum 'B' grade in Chemistry.*

Foundation in Sciences CGPA 3.5 including a minimum 'B' grade in Chemistry.*(MQA accredited, minimum programme duration of 1 year)

First Degree in Science CGPA 2.75 and above (CGPA 2.75 = Grade C+)

Diploma in Science CGPA 3.75 including a minimum 'B' grade in Chemistry.*

Diploma in Pharmacy CGPA 3.5 including a minimum 'B' grade in Chemistry.*

Other Academic Qualifications Case-to-case basis**

English Language Requirements

MUET - Band 4; IELTS - Band 6 (overall score and all sections); TOEFL - 570 (overall score and all sections)

INTAKES **August**

Note

Candidates are required to undergo an interview session, which includes a Chemistry quiz prior to admission into the degree year

* For this qualification, candidates must possess a minimum of five(5) B grades at SPM level in Biology, Chemistry, Physics, Mathematics(or Add. Mathematics) and another subject. Applicable to Malaysians only.

** For this qualification, the enrollment eligibility is subject to approval from the Pharmacy Board of Malaysia.



UCSI Education Sdn. Bhd. (185479-U)

UCSI University, Kuala Lumpur Campus (South Wing)

(KPT / JPT / DFT / US / W06)

No. 1, Jalan Menara Gading, UCSI Heights, Cheras, 56000 Kuala Lumpur, Malaysia

Tel: 603 - 9101 8880 Fax: 603 - 9102 2614

Latitude 3.079548 (3° 4' 46.37" N) Longitude: 101.733216 (101° 43' 59.58" E)

UCSI University, Kuala Lumpur Campus (North Wing)

Lot 12734, Jalan Choo Lip Kung, Taman Taynton View,

56000 Cheras, Kuala Lumpur, Malaysia

Tel: 603 - 9101 8880 Fax: 603 - 9102 3606

Latitude: 3.084869 (3° 5' 5.53" N) Longitude: 101.736844 (101° 44' 12.64" E)

UCSI University, Terengganu Campus

(KPT / JPT / DFT / US / T01)

Bukit Khor, PT 11065, Mukim Rusila, 21600 Marang,

Terengganu Darul Iman, Malaysia

Tel: 609 - 628 1880 / 1889 Fax: 609 - 628 1885

Latitude: 5.216519 (5° 12' 59.47" N) Longitude: 103.161621 (103° 9' 41.84" E)

UCSI University, Sarawak Campus

(KPT / JPT / DFT / US / Y04)

Lot 2498, Block 16, KCLD, Jalan Tun Jugah,

93350 Kuching, Sarawak, Malaysia

Tel: 6082 - 455 255 Fax: 6082 - 455 015

Latitude: 1.517408 (1° 31.0445" N) Longitude: 110.353422 (110° 21.2053" E)

All information is correct at the time of printing but maybe subject to changes.

Date: 10.12.2013