



CYBERJAYA UNIVERSITY COLLEGE
of MEDICAL SCIENCES

Nurturing the Passion to Care

KPT/JPS/DFT/US/B20



Bachelor of Pharmacy (Hons)

KPT/JPS(R2/727/6/0008)01/21 (MQA/FA3516)12/16

BACHELOR OF PHARMACY (Hons)

KPT/JPS(R2/727/6/0008)01/21 (MQA/FA3516)12/16

The Bachelor of Pharmacy (Hons) at CUCMS is a 4 years programme (8 semesters) that prepares students to become qualified and competent pharmacists, knowledgeable in all aspects related to drug therapy, medicine and pharmaceutical care.

The programme aims to prepare students for different pharmaceutical fields such as hospital, community, industry, academics, research and enforcement. Students also receive extensive exposure to military pharmacy as well as pharmacy management in disaster and humanitarian relief situations. Designated hospitals and clinics under the Ministry of Health and Ministry of Defense are used for training and practical attachment of CUCMS pharmacy students. In addition to that, students will be placed under a few community pharmacies and industrial pharmacies throughout their study years in CUCMS.

Extracurricular

In their early years, students are instilled with the teamwork spirit amongst students from the pharmacy, medical and allied health disciplines and build self-confidence by engaging in various academic and co-curricular activities such as student-centred-learning (SCL), clinical health exposure and training (CHET), Young MERCY programme and more.

OUR STUDENTS



"In the 4 years of pharmacy student life, I had enjoyed many experiences for the very first time. My first attachment to a community pharmacy, my first exposure to a pharmaceutical industry and my first clerking case in the hospital are just some of the great moments I had in CUCMS. I had met knowledgeable and wonderful lecturers who shared their knowledge and guided us throughout these 4 years and made a bunch of amazing friends who always cheered me up", **Wee Jie Lei, 4th Year Student.**

"Being a part of the pharmacy family in CUCMS is one of the best things ever. The pharmacy lecturers in CUCMS, didn't only teach me to be a credible pharmacist but also to be a noble person through their emphasis on a holistic education and the affective domain trainings. We were also given a unique opportunity to study and experience disaster and relief medicine. This has given me a greater appreciation for the role of a pharmacist in society.", **Priyaa Darshini A/P Paremasivem, 4th Year Student.**



"I feel blessed to further my studies in CUCMS. Along with great facilities, we also have a very conducive study environment. We are taught by passionate and dedicated lecturers who help to nurture holistic students for the future of the country" **Mohd Hanif Jubri, 4th Year Student.**

COURSE STRUCTURE

Year 1

- Introduction to Pharmacy
- Pharmaceutical Biochemistry
- Human Anatomy & Physiology I
- Pharmaceutical Organic Chemistry
- Problem-Based Learning I
- Tamadun Islam & Tamadun Asia (TITAS) (Islamic & Asian Civilization)
- Hubungan Etnik (Ethnic Relations)
- Personal Professional Development (PPD)
- General Pathophysiology
- Sterile & Aseptic Technique
- Compounding & Dispensing
- Human Anatomy & Physiology II
- Pharmaceutical Inorganic Chemistry
- Professional Communication
- Elective : Alternative Medicine / Unified Theory of Existence (UTE)
- General Pharmacology
- Affective Domain (AD)

Year 2

- Medicinal Chemistry
- Pharmaceutical Technology I
- Physical Pharmacy
- Community Pharmacy Practice
- Basic Immunology
- Pharmacology of Peripheral Nervous System & Autocoids
- Kerajaan & Dasar Awam Malaysia / Perlembagaan & Masyarakat Malaysia (Government & Public Policy / Malaysian Constitution & Society)
- Young Mercy/Wataniah
- Disaster & Relief Medicine
- Pharmaceutical Analysis I
- Pharmacology of Various Body System
- Pharmaceutical Technology II
- Problem-Based Learning II
- Pharmacology of Cardiovascular System
- Medical Microbiology
- Young Mercy II/ Wataniah II
- Introduction to Clinical Pharmacy & Pharmaceutical Care
- Affective Domain

CAREER PROSPECTS

Students will be well equipped to seek a career as :

- Pharmacist
- Research Officer
- Pharmacy sales person
- Pharmacy entrepreneur
- Clinical trainer

Students will find employment in organizations such as :

- Government hospitals
- Private medical centres
- Community clinics
- Retail pharmacies
- Pharmaceutical companies
- Research centers

INTAKE

- August

DURATION

- 4 Years (8 Semester)

STUDY MODE & DELIVERY METHOD

Full-time :

- Lectures and tutorials
- Written assessments
- Laboratory experiment sessions
- Clinical training

Year 3

- Pharmacokinetic & Biopharmaceutics
- Pharmacology of Antimicrobial
- Pharmacology of Central Nervous System
- Problem-Based Learning III
- Pharmaceutical Analysis II
- Hospital Pharmacy
- Biostatistics & Research Methodology
- Pharmacy Law
- Elective: Veterinary Pharmacy / Public Health in Pharmacy
- Clinical Pharmacokinetics
- Good Industrial Practice
- Primary Care and Medication Management
- Pharmaceutical Industrial Training
- Pharmacology of Antiviral & Antineoplastics
- Research Project I
- Pharmacognosy
- Affective Domain

Year 4

- Clinical Pharmacy and Therapeutics I
- Nuclear Pharmacy
- Medical Toxicology
- Research Project II
- Pharmacy Management & Administration
- Elective : Molecular Modeling & Drug Design /
- Elective: Sports Pharmacy
- Social Pharmacy & Pharmacoeconomics
- Clinical Pharmacy & Therapeutics II
- Clinical Pharmacy & Therapeutics III
- Pharmaceutical Biotechnology
- Affective Domain
- Elective : Cosmetics & Nutraceuticals / Advanced Drug Delivery Systems

ENTRY REQUIREMENTS

All applicants, except those with a degree qualification in art or humanities, must have passed and attained a minimum of the following at School Certificate or its equivalent :

Sijil Pelajaran Malaysia (SPM) or General Certificate of Education Ordinary ("O") Levels

- 5 Bs each in Biology, Chemistry, Physics, and Mathematics (or Additional Mathematics) and 1 additional subject.

AND Higher School Certificate level or its equivalent:

STPM

- Minimum CGPA 3.00 in 3 science subjects (Chemistry and Biology or Physics or Mathematics) including minimum B in Chemistry.

A- Level

- Minimum Grade 3B or 2A1C or 1A1B1C in Biology and Chemistry and Physics or Mathematic, including minimum B in Chemistry.

MOHE Matriculation / UIAM Matriculation / USIM Matriculation / PASUM ,UM

- Minimum GPA 3.00 in 3 science subjects including minimum B for Chemistry.

CUCMS Foundation in Science (Medicine/Pharmacy)

- Minimum GPA 3.00 including a minimum B for Chemistry.

Foundation in Science from any HEI recognized by MQA

- Minimum CGPA 3.00 including a minimum B for Chemistry.

IB (International Baccalaureate)

- 32 points

Diploma in Pharmacy

- Minimum CGPA : 3.50

Diploma in Science (Chemistry or Biology or Physic) from any HEI recognized by MQA and MOHE

- Minimum CGPA : 3.75 including minimum B for Chemistry.

South Australian Matriculation (SAM)

- Aggregate 80% each in 3 science subjects including Mathematics, Physics, Chemistry or Biology.

New Zealand Bursary

- Aggregate 70% each in 3 science subjects including Mathematics, Physics, Chemistry or Biology.

Canadian Pre-University (CPU)

- Minimum CGPA/Points 3.00

Degree in Science

- CGPA 2.75

Scholar Aptitude Test (SAT)

- Aggregate 80 %

Exit Requirements:

- 1) All applicants shall have attained a minimum of **BAND 3 in the MALAYSIAN UNIVERSITY ENGLISH TEST (MUET)** or TOEFL score of 550 or IELTS 6.0 with a minimum band of 5.5 for Writing, Reading, Listening/Speaking (WRLS).
- 2) Malaysian applicants shall have also attained a **CREDIT IN BAHASA MALAYSIA AND ENGLISH** at SPM or its equivalent



THE CUCMS ADVANTAGE

- 1 A Decade of Teaching Experience**
With over 10 years of experience in providing quality tertiary education, CUCMS has a robust, industry relevant curriculum taught by dedicated healthcare experts.
- 2 A Top Tier University**
Rated as a Tier 5, (Excellent) institution by the Malaysian Qualifications Agency, we also boast a SIRIM ISO 9001:2008 QMS certification further ensuring a high quality education experience.
- 3 A Network of Successful Graduates**
Over 1500 successful healthcare professionals have graduated with us. At CUCMS you will be part of a growing alumni of professionals who are contributing to the advancement of the healthcare industry.
- 4 Comprehensive Range of Programmes**
We offer over 20 healthcare programmes including postgraduate studies that opens up a range of career options in the healthcare industry ensuring a bright and fulfilling future.
- 5 Fully Equipped Campus**
Here you will find a modern, green-friendly, campus at the heart of Cyberjaya, Malaysia's Smart City with fully equipped research laboratories, comprehensive library collections and student support facilities to ensure a conducive learning environment.
- 6 High Degree of Student Empowerment**
Students are empowered to achieve greater personal growth and success through volunteerism, humanitarian activities and extra-curricular society such as Young Mercy (in collaboration with MERCY Malaysia).
- 7 Student-Centered Team-Based Learning**
Our teaching model creates an environment of active personal participation and involvement in group learning such as problem-based-learning (PBL) sessions that enhances positive teamwork and leadership.
- 8 Affective Domain Training**
We provide a holistic learning experience that emphasizes on reflection sessions, peer, self and mentor feedback and folio records to ensure an all rounded nurturing of graduates.
- 9 Real World Experience**
We have formed strategic alliances with the Malaysian Ministry of Defence, Ministry of Health and other international healthcare institutions to allow use of their excellent facilities in clinical trainings.
- 10 Research Partnerships**
Our academicians have been active researchers, regularly contributing to the growing body of knowledge through research collaborations with leading partner universities and renowned pharmaceutical companies in Malaysia.

Cyberjaya University College of Medical Sciences
No. 3410, Jalan Teknokrat 3,
Cyber 4, 63000, Cyberjaya,
Selangor Darul Ehsan

Tel : +603 8313 7000
Fax : +603 8313 7001
Toll free : 1 800 88 28267

 011 1112 3344
 www.cybermed.edu.my
 inquiry@cybermed.edu.my
 facebook.com/WeLoveCUCMS
 instagram.com/cucms
 twitter.com/CyberjayaUC



BR/BPHARM/25022016

Copyright © 2016, Cyberjaya University College of Medical Sciences.

This brochure is intended to be a general statement of information. All information is correct at time of printing, but subject to change without prior notice. For more detailed and recent information, please consult the Marketing Department. The University shall not be held liable for any errors or omissions.