



CYBERJAYA UNIVERSITY COLLEGE
of MEDICAL SCIENCES

Nurturing the Passion to Care

KPT/JPS/DFT/US/B20



Doctor of Pharmacy

KPT/JPS(N/727/7/0048)12/18 (MQA/PA2389)02/17

Master in Clinical Pharmacy

KPT/JPS(R/727/7/0060)02/20 (A10629)

DOCTOR OF PHARMACY

KPT/JPS(N/727/7/0048)12/18 (MQA/PA2389)02/17



The Doctor of Pharmacy (Pharm.D) programme at CUCMS is a full-time, 2½ year coursework programme that aims to produce competent pharmacy specialists in the expanding healthcare system who can provide advanced clinical / healthcare services including medication therapy, disease-state management as well as patient education and consultative activities.

PROGRAMME OBJECTIVES

To provide an extensive clinical training for pharmacy graduates to further their professional careers in a variety of practice settings including hospitals, home health, community pharmacies, managed care systems in the government, and private health agencies.

To produce competent pharmacy specialists in the expanding health care system who can provide advanced clinical / health care services including medication therapy, disease-state management as well as patient education and consultative activities.

LEARNING OUTCOMES

This professional Master-level postgraduate programme is designed to produce clinical pharmacists who have the abilities and skills to perform advanced patient medication management, therapeutic planning and monitoring. Upon completion, the students should be able to;

- Apply knowledge and provide pharmaceutical care to patients
- Develop and manage the pharmacy specialties, drug therapy process, medication distribution and control systems
- Provide and promote public health care
- Provide drug information, education and collaborate with patients and health care providers



PROGRAMME STRUCTURE FOR DOCTOR OF PHARMACY

SEMESTER 1

- Pharmacy Practice
- Pharmacotherapeutics I
- Pharmacotherapeutics II
- Pharmacotherapeutics III
- Pharmacotherapeutics IV

SEMESTER 2

- Pharmacoeconomics & Pharmacy Management
- Pharmacotherapeutics V
- Pharmacotherapeutics VI
- Pharmacotherapeutics VII
- Social & Public Health in Pharmacy Or Traditional & Complementary Medicine
- Research Methodology

SEMESTER 3

- Pharmacotherapy in Internal Medicine
- Pharmacotherapy in Paediatrics
- Pharmacotherapy in Infectious Disease

SEMESTER 4

- Pharmacotherapy in Intensive Care
- Elective Clerkship in Psychiatry / Ambulatory Care / Geriatric / Oncology / Nuclear Pharmacy

SEMESTER 5

- Research Dissertation in Specialised Clinical Discipline

To graduate, candidate need to complete 36 units (Didactic) + 24 units (Compulsory Clerkship) + 12 units (Elective Clerkship) + 12 units (Research Dissertation in Specialised Clinical Discipline) = 84 units

Note: Each unit is equivalent to 40 notional hours

PROGRAMME DURATION

- The duration of study for the Pharm.D programme is 2½ full-time academic years which encompasses 5 semesters. The programme consists of 12 months of didactic learning, 12 months of clinical clerkships and 6 months of specialised clerkship and research dissertation.
- The maximum duration of candidature is 5 years. Students have to register and pass all credit hours of coursework (taught courses and clerkships) as well as research dissertation.

MODE OF STUDY

- Didactic lectures with examinations
- Clinical clerkships
- Research dissertation
- Tutorial
- Thesis

ENTRY REQUIREMENTS

- Bachelor of Pharmacy Degree with honours (CGPA ≥ 2.5) from CUCMS; or
- Bachelor of Pharmacy Degree with honours (CGPA ≥ 2.5) or its equivalent from any other University recognized by CUCMS; or
- Bachelor of Pharmacy Degree with honours (CGPA < 2.5) and with at least 5 years continuous working experience.



MASTER IN CLINICAL PHARMACY

KPT/JPS(R/727/7/0060)02/20 (A10629)



The Master in Clinical Pharmacy is an intensive coursework programme that aims to produce skilled clinical pharmacists who can appraise current practices, research new ideas, and develop viable alternative approaches to serve as the basis for successful and responsible careers in clinical pharmacy. The programme consists of didactic lectures, compulsory and elective clinical clerkship and research dissertation that can be completed in 1 year (full time) or 2 years (part-time). At all stages, candidates are encouraged to adopt a self-directed learning approach to facilitate the culture of lifelong learning.

DURATION

Fulltime : 1 year (2 semesters)
Part time : 2 years (4 semesters)
Total Credit Hours : 42

MODE OF STUDY

Coursework based programme consisting of:

- Lectures
- Compulsory and elective clinical clerkships
- Research dissertation

PROGRAMME STRUCTURE FOR MASTER IN CLINICAL PHARMACY

Taught Courses:

- Pharmacotherapeutics I
- Pharmacotherapeutics II
- Pharmacotherapeutics III
- Pharmacotherapeutics IV
- Pharmacotherapeutics V
- Pharmacotherapeutics VI
- Clinical Pharmacokinetics
- Research Methodology

Compulsory Clerkships:

- Pharmacotherapy in Internal Medicine
- Pharmacotherapy in Intensive Care
- Pharmacotherapy in Infectious Diseases
- Pharmacotherapy in Paediatrics

Elective Clerkships:

- Oncology Pharmacy
- Parenteral Nutrition
- Radiopharmacy
- Therapeutic Drug Monitoring
- Pharmacotherapy in Psychiatry
- Pharmacotherapy in Geriatrics

ENTRY REQUIREMENTS

Applicant for the MClInPharm Programme must possess:

- Bachelor of Pharmacy Degree with honours (CGPA ≥ 2.5) from CUCMS or other Universities recognized by CUCMS;
or
- Bachelor Degree of Pharmacy with honours (CGPA < 2.5) and with at least 5 years continuous working experience from CUCMS or any other equivalent qualification recognized by CUCMS.

For international students only:

- Minimum TOEFL score of 550 (PBT) or 80 (IBT)
- Or minimum IELTS score of 6.0