

MASTER OF SCIENCE IN PHARMACEUTICAL CHEMISTRY



Dive into the world of drug design, synthesis and analysis with the Master of Science in Pharmaceutical Chemistry at UCSI University.

Offered in the mixed-mode structure, this allows students to pursue research on innovative topics whilst going for structured taught courses providing them with advanced industry-specific knowledge.

The taught courses aim to equip the students with the latest developments in the fields of drug design and discovery, synthesis of drugs, instrumental methods of drug analysis, regulation and safety of drugs.



The research component equips learners with knowledge in research proposal writing, extracting and analysing scientific data and conducting professional oral and written presentations. Through the required individual research project, candidates could focus on conducting scientific investigation and discovery on topic of their interest.

The programme is specially designed to equip graduates with the skills, knowledge, and experience to excel in the pharmaceutical industry, chemical industry, food industry, research & development and academia.

PROGRAM DURATION Full time: Minimum 1 year, maximum 3 years
Part time: Minimum 2 Year, maximum 5 years
(Duration of study is subjected to progress of research work)

UNDERGRADUATE REQUIREMENTS BSc in Pharmacy OR a B. Pharm (Hons) degree OR related undergraduate degree.

PROGRAMME MODE Mixed-mode

LOCATION Kuala Lumpur Campus, UCSI University

INTAKES January and July

COURSES OFFERED

SEMESTER 1 COURSES

Research Methodology
Biostatistics and Experimental Design
Advanced Separation Sciences
Chemistry of Drug Design and Discovery
Research I

SEMESTER 2 COURSES

Advances in Spectroscopy
Research II

ENTRY REQUIREMENTS

QUALIFICATION

BSc in Pharmacy OR
a B.Pharm (Hons) degree OR related
undergraduate degree.

ACADEMIC REQUIREMENTS

Minimum CGPA of 2.75.
Five (5) years relevant working experience
is required for applicants who do not
meet the minimum CGPA.

ENGLISH REQUIREMENT

TOEFL: a minimum score of 550/230/80 or equivalent; OR
IELTS: a minimum score of 6.0 for all components

Applicants who obtained bachelor's degrees in other universities that use English as the medium of instruction may be exempted from taking English classes at UCSI University if the alma mater's Registrar issues an official letter indicating so to the University. Applicants may be required to attend an interview, conducted by UCSI's faculty experts, or sit for a written test before they are accepted for admission. Prior to the interview, the applicant is also required to submit a research proposal outline.

Future - proof yourself

UCSI EDUCATION SDN BHD (185479-U)

UCSI University Kuala Lumpur Campus (DU020(W))

No.1, Jalan Menara Gading, UCSI Heights (Taman Connaught)
56000 Cheras, Kuala Lumpur, Malaysia.



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