



## SPECIALISATION OVERVIEW

# Master of Health Science Medical Pharmacology

## OBJECTIVE

The curriculum is tailored to meet the needs of postgraduate students pursuing careers in medical pharmacology and related healthcare fields.

## AREAS

- Pharmacokinetics
- Pharmacodynamics
- Clinical applications of pharmacology in cardiovascular, Respiratory, gastrointestinal, endocrine, autonomic, central nervous system
- Antimicrobial therapy

## RESEARCH TRAINING

The programme integrates theoretical knowledge with practical applications, fostering a comprehensive understanding of drug actions, interactions and therapeutic approaches.

It is compulsory to undertake independent research, guided by faculty, culminating in the completion of a thesis or research paper. Active engagement in seminars, workshops, and conferences is strongly recommended to remain abreast of the latest advancements in the field.

## DURATION OF STUDY

Full-time: 1 - 3 years

Part-time: 2 - 5 years

## ASSESSMENT METHODS

Proposal Presentation



Progress Report



Finding Presentation



Post-thesis Evaluation



## GRADUATE REQUIREMENT

Publication Equivalent (PE):  $\geq 0.6$

Type of Publication	PE
Indexed Journal	1
Non-indexed Journal	0.7
Indexed Conference Proceeding	0.6
Poster, non-indexed conference proceedings or any publications recognized by the Kulliyah	0.3

## EXPERTISE

- 1) Assoc. Prof. Dr. Wael Mohamed  
Yousef Mohamed**  
Translational Brain, Neuroscience,  
Animal Study  
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- 2) Asst. Prof. Dr. Mohd Fadly Mohd  
Noor**  
Skeletal Muscle & Cell Signaling,  
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- 3) Asst. Prof. Dr. Nour El Huda Abd  
Rahim**  
Genetics & Epigenetics,  
Schizophrenia, Herbal Medicine,  
Osteoarthritis  
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- 4) Asst. Prof. Dr. Hidayatul Radziah**  
Hypertension, Diabetes Mellitus,  
Metabolic Syndrome Women's  
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