



SPECIALISATION OVERVIEW

Master of Health Science Medical Biochemistry

OBJECTIVE

This course aims to equip students with a strong foundation in medical biochemistry, integration of biochemical concepts with clinical applications, and fostering a deep appreciation for the molecular intricacies of human health and disease. It prepares students for careers in medicine, clinical research, and other health-related fields.

AREAS

- Enzymology
- Carbohydrate Biochemistry
- Lipid Biochemistry
- Protein Biochemistry
- Nucleic Acid Biochemistry
- Metabolism
- Cellular Biochemistry
- Clinical Biochemistry
- Biochemical Genetics
- Biochemical Pharmacology

ASSESSMENT METHODS

Proposal Presentation



Progress Report



Finding Presentation



Post-thesis Evaluation



GRADUATE REQUIREMENT

Publication Equivalent (PE): ≥ 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 recognised by the Kulliyah	0.3

RESEARCH TRAINING

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. Relevant ethical and Islamic issues in medical biochemistry will also be highlighted.

DURATION OF STUDY

Full-time: 1 - 3 years

Part-time: 2 - 5 years

EXPERTISE

- 1) **Prof. Dr. Sirajudeen Kuttulebbai**
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- 3) **Asst. Prof. Dr. Noraihan Mat Harun**
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