

ACADEMIC PROGRAMME

2023 | 2024

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ACADEMIC PROGRAMME (RESEARCH MODE)

MASTER OF SCIENCE

Bachelor degree with CGPA 3.0
and above in related fields

Status	Duration
Full Time	4 - 6 Semesters
Part time	6 - 8 Semesters

DOCTOR OF PHILOSOPHY

Master's degree in related fields

Status	Duration
Full Time	6 - 12 Semesters
Part time	8 - 14 Semesters

English language entry requirement
for foreign students into the program:

- 60 in TOEFL or
- Band 6 in IELTS or
- Band 4 in MUET



SCAN TO LEARN MORE

RESEARCH PROGRAMME



COMPULSORY COURSES

DOCTOR OF PHILOSOPHY (PhD)

- Research Methodology (JJJJ 7014)
- Medical Molecular Biology (JJJJ 7012)
- Advanced Medical Molecular Biology (JJJJ 7022)

MASTER OF SCIENCE (MSc)

- Research Methodology (JJJJ6 6014)
- Medical Molecular Biology (JJJJ 6012)

** MSc and PhD students are required to complete a minimum of 6 and 8 credits, respectively.



PRESENTATIONS

Students are required to give research presentation as structured below:

- Proposal (First semester)
- Progress updates (Every semester)
- Final findings (Last semester)

Students are highly encouraged to present at National/International conference and attend workshop and training related to research projects.



PUBLICATION REQUIREMENT

- MSc students > publish a minimum of 1 article (WoS-indexed journal)
- PhD students > publish a minimum of 2 articles (WoS-indexed journal)

** Proof of publication must be approved by the supervisor, post-graduate committee and UMBI director prior to viva-voce examination.



GRADUATE ON TIME

- PhD: Approved by UKM Senate to graduate within 42 months (7 semesters) from registration date

PROFESSIONAL CERTIFICATE IN GENOME SEQUENCING

SEMESTER 1 | SESSION 2023/2024

ENTRY REQUIREMENTS

Malaysian Citizen Candidate

- A Bachelor's Degree in an area related to biology, genetics, or such;

OR

- A Bachelor's Degree in another field with at least 2 years of relevant job experience;

OR

- Possess a Diploma and at least 3 years of work experience in a relevant industry.

ENTRY REQUIREMENTS

Foreign Candidate

- Possess a Bachelor's Degree in a field related to biology, genetics, or such that is recognised by the university senate;

OR

- Possess a Diploma qualification and at least 3 years of relevant industry experience.

FEES : RM **2,950**

CURRICULUM STRUCTURE





This Professional Certificate Program comprises of three courses covering the theory, practical, and analysis of data pertaining to genome sequencing, for a total of five credits.

No	Code	Course	Credit
1	JJPG5021	Basic Principles of DNA and Genome Sequencing	1.0
2	JJPG5022	Theory and Practical of Short & Long-read Sequencing	2.0
3	JJPG5042	Bioinformatics Analysis	2.0

Duration : 2 months

Location : UMBI, Cheras, Kuala Lumpur

Contact Us :

-  AP Dr. Nurul Syakima Ab Mutalib | syakima@ppukm.ukm.edu.my
-  Miss Nurul Izza Umar | izzaumar@ukm.edu.my
-  03-9145 6321
-  www.ukm.my/umbi

