



UMS

UNIVERSITI MALAYSIA SABAH

PUSAT LUAR UNIVERSITI MALAYSIA SABAH



Biotechnology Research Institute

Master of Science

(Molecular Biology)



pusatluarums



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PLUMS

Pusat Luar Universiti Malaysia Sabah

Who we are

Pusat Luar UMS (PLUMS) offers Lifelong Learning programmes at Undergraduate and Postgraduate (Coursework & Mixed Mode) levels to qualified applicants especially for working adults.

In order to serve the requirements stipulated by companies and employers, PLUMS classes and modules are scheduled flexibly to fulfil the needs of the working-adult student populace and classes are conducted by experienced UMS academicians as well as visiting lecturers.

PLUMS was officially established on 1 December 2006. The centre was placed under the management of UMS Investment Holdings Sdn. Bhd., a subsidiary company that managed directly under Universiti Malaysia Sabah to generate income by offering academic programmes at the university's respective faculties. However, starting from 1st August 2018, PLUMS has become one of UMS' center of excellence through the acquisition from its subsidiary.

Mission

To achieve academic excellence by producing world-class human capital through lifelong teaching and learning.

Vission

To become an innovative as well as a world-class lifelong learning centre.



Visit our website
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Biotechnology Research Institute

Master Of Science (Molecular Biology)

The aim of the program is to produce competent molecular biologists who can employ and implement their knowledge base in applications of sustainable agriculture, industry and healthcare biotechnology for the improvement of the quality of human life. Students will exhibit contemporary knowledge in molecular biology and students will be eligible for employment in various sectors of biotechnological industry.



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Admission Requirements

Applicants should possess the following:

1. Bachelor of Science with second class, or having a minimum CGPA of 2.75, in life sciences (biology) or equivalent, from universities recognized by the Senate.
2. Other qualifications equivalent to Bachelor degree and relevant experience recognized by the Senate.
3. Candidates should pass English paper in the Sijil Pelajaran Malaysia (SPM) or other relevant qualifications recognized by the Senate (example: TOEFL, IELTS etc.)

Program Modules

Core Subject (19 credit hours)

IB6113 Molecular Genetics

IB6122 Instrumentation in Molecular Biology Research

IB6132 Scientific Writing, Presentation and Communication Skills

IB6143 Molecular Biology Techniques I

IB6213 Molecular Biology Techniques II

IB6153 Research Methodology

IB6223 Topics in Molecular Biology

Elective Subject

(9 credit hours - Choose 3 subjects)

IB6023 Bioinformatics in Molecular Biology

IB6033 Industrial Molecular Biology

IB6043 Plant Molecular Biology

IB6053 Animal Molecular Biology

IB6063 Molecular Microbiology

Project (12 credit hours)

*IB6326 Research Project I

*IB6416 Research Project II

DURATION OF STUDY

Minimum of three semesters

APPLICATION

Intake is every February and September.



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Programme Fees

Tuition Fees (based on credit hours taken)

Local Student = RM350 / Credit Hours*

International = RM700 / Credit Hours*

Programme Code	Name of Programme	Within Sabah		International Students
		Part time	Full time	Full time
MFSQ	Master Of Science: Food Science Graduate	-	16,555	NA

***NOTE: SUBJECT TO CHANGES**

Total fees consist of full tuition fees and other miscellaneous fees for the whole durations of studies.

How To Apply:

- 01 Log in to <https://mohon.ums.edu.my/pasca/>
- 02 Create New Application
- 03 Pay Application Fee Online
- 04 Complete Information and Upload Required Documents
- 05 Verify and Submit Application Through Declaration

General Info

PUBLIC PERIOD

Monday – Thursday

8:00 AM – 1:00 PM
2.00 PM - 5.00 PM

Friday

8:00 AM – 11.30 PM
2.00 PM - 5.00 PM

Saturday, Sunday & Public Holiday
*Closed

SEMESTER BREAK

Monday – Thursday

8:00 AM – 1:00 PM
2.00 PM - 5.00 PM

Friday

8:00 AM – 11.30 PM
2.00 PM - 5.00 PM

Saturday, Sunday & Public Holiday
*Closed



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Contact



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Kampus UMS Sandakan

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Pusat Pembelajaran Tawau

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For more info



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TERAS KECEMERLANGAN DAN KEUNGGULAN