

5 reasons to choose our Master of Agriculture Biosecurity programme

- ✓ Learn research methodology and conduct a real-world Agricultural Biosecurity Research Project
- ✓ Explore latest agricultural biotechnology advancements and apply them to biosecurity
- ✓ Investigate agricultural pest and disease epidemiology, Malaysian and international environmental policy, and their role in biosecurity
- ✓ Learn risk assessment, plant and animal biosecurity, infectious and emerging diseases, and effective management strategies
- ✓ Explore bioethics and sustainable agriculture

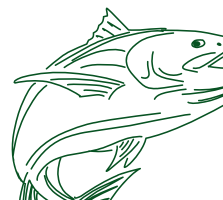
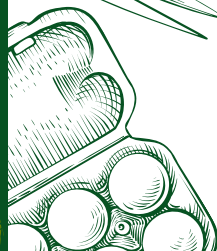
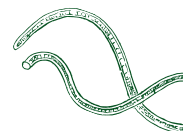
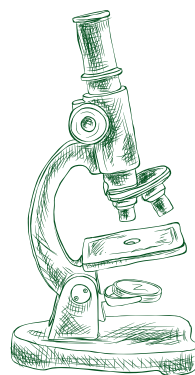
“ Gain expertise in Agricultural Biosecurity. Learn research methodology, detection and diagnostics, environmental policy, risk assessment and management, and sustainable agricultural development.

Online Application



More Information

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INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies



Master of Agricultural Biosecurity

A ONE-YEAR FULL TIME OR
TWO-YEAR PART TIME
PROGRAMME COURSEWORK

OCTOBER 2023 INTAKE

INTRODUCTION

The **Master of Agricultural Biosecurity** program by CEBAR, UM is a 42-credit coursework-based degree that offers core courses covering essential topics in the field. Additionally, students can select three elective courses from a wide range of options to tailor their learning experience. The programme will empower students to become leaders in the biosecurity field, making a meaningful impact on global food security and sustainability.

ADMISSION REQUIREMENTS

The general admission requirements to follow this program are as follows:

Passed the Malaysian Certificate of Education (SPM) / equivalent to a credit in Malay / Bahasa Malaysia or a credit in Malay / Bahasa Malaysia July Paper.

The specific entry requirements to follow this program are as follows:

Bachelor's degree in the field of biological science or agricultural science or a related or equivalent field with a GPA of not less than 3.00;

OR

Bachelor's degree in the field of study of biological science or agricultural science or a related or equivalent field with a CGPA of 2.70 to 2.99 AND meets at least ONE (1) of the following criteria:

- Have at least one (1) year of work experience in a related field
- Produce publications in relevant fields
- Scholarship recipient
- Government agency staff
- Pass the interview by the Faculty;
- Pass the Faculty's Special Assessment or
- University of Malaya graduate

OR

Bachelor's degree with a GPA of 2.50 to 2.69 and meet at least one (1) criteria (for UM graduate applicants) or two (2) criteria (for non-UM graduate applicants) listed below:

- Have at least one (1) year of work experience in a related field
- Produce publications in relevant fields
- Scholarship recipients
- Government agency staff
- Pass the interview by the Faculty;
- Pass the Faculty's Special Assessment or
- Universiti Malaya graduate

OR

Bachelor's degree with a GPA of 2.00 to 2.49 and meet at least one (1) criteria (for UM graduate applicants) or two (2) criteria (for non-UM graduate applicants) listed below:

- Have at least five (5) years of work experience in the relevant field
- Produce at least one (1) publication in a refereed journal in a related field
- Pass the Faculty interview (mandatory for applicants who are not UM graduates); or
- Pass the Faculty's Special Assessment

The medium of instruction is English

WHO SHOULD APPLY?

- Biological and agricultural science graduates looking to deepen their understanding and apply knowledge to sustainable agriculture
- Professionals in related fields seeking to enhance knowledge and skills for advanced career opportunities
- Researchers and scholars in relevant fields seeking to advance academic studies in biological science and sustainable agriculture
- Government agency staff and scholarship recipients interested in contributing to sustainable agriculture practices and policies
- University of Malaya graduates in relevant fields seeking advanced studies in sustainable agriculture

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To empower students to become leaders in the biosecurity field, making a meaningful impact on global food security and sustainability.

COURSE SYLLABUS

Core components	Credits
Research methodology	3
Detection and diagnostics for biosecurity	3
Communication, culture, cooperation, community and compliance	3
Advances in agricultural biotechnology	3
Epidemiology of agricultural pests and diseases	3
Malaysian and international environmental policies	3
Risk assessment and biosecurity management	3
Agricultural biosecurity research project	12
Total	33
Elective components (Choose 3)	
Plant biosecurity	3
Bioethics	3
Animal biosecurity	3
Emerging and infectious diseases	3
Sustainable agricultural development	3
Total	9
Overall credits	42

Accepting applications now!

All Bachelor's degree holders (related to Biology, Health or Science) are welcome.

Terms and conditions apply.

For more information, please contact:

cebar@um.edu.my
+603-7967 6990

