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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

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

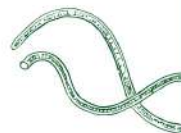
Online Application



More Information



Centre for Research in
Biotechnology for
Agriculture (CEBAR)
Level 3, KPPI Building,
Universiti Malaya,
50603, Kuala Lumpur,
Malaysia
cebar@um.edu.my
+603-7967 6990



INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies



Master of Agricultural Biosecurity

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

OCTOBER/MARCH 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

“ 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