

UNIVERSITI MALAYA

MASTER OF MEDICAL PARASITOLOGY AND ENTOMOLOGY

ONE-YEAR MASTER DEGREE BY COURSEWORK



WHY US?

THE UNIQUENESS OF THE PROGRAMME ARE:

- Completion in ONE year
- Affordable (Local RM35k; International USD 15k)
- Renowned and highly experienced faculty
- Guided hands-on practical sessions
- Engaging and interactive learning sessions
- Exhaustive and informative details on major parasites of medical importance and their vectors
- A multi-disciplinary approach towards understanding the role and relationship of parasites, vectors and humans
- Opportunities to gain practical insights on best practices in control and prevention from different countries
- Includes cutting-edge methods and approaches in research
- Expert supervision on research project
- A gateway towards PhD level programme



More information:
Department of Parasitology
Faculty of Medicine
Universiti Malaysia
Tel: +60379674745
Email: mazni35@um.edu.my

Website:
medicine.um.edu.my/parasitology-department
www.facebook.com/parasiteum/
Application can be made through:
www.um.edu.my/how-to-apply-master

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The Department is one of the oldest and possibly the largest Parasitology Departments in the world. UM is currently ranked 8th in Asia and 70th in the QS world university ranking.

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Some of the subjects that will be covered:

- o Global trends of parasitic infections
- o Climate change, population migration and movement
- o Hygiene hypothesis
- o Policy formulation
- o Cutting edge techniques in parasitology and entomology
- o Hands-on *in-vitro* culture techniques
- o Parasite-microbiota interactions
- o Genomic and post-genomic advancement
- o Parasite omics
- o Hybridoma antibody
- o Imaging toolbox
- o Geographical information system
- o Data interpretation techniques
- o Epidemiology of major parasitic infections
- o Parasites and autoimmune, cancer and neurological diseases
- o Emerging and opportunistic parasites
- o Innovative control and preventive measures
- o Applied entomology
- o Advanced molecular tools
- o Field techniques
- o Bionomics of vectors
- o Insecticide and drug resistance

ACCEPTING APPLICATIONS FOR SEPTEMBER 2023 INTAKE

We welcome all Bachelor's degree holders (related or non-related to Health, Science, or Biology) to apply for this programme, with terms and conditions apply.

MORE INFORMATION: DEPARTMENT OF PARASITOLOGY, FACULTY OF MEDICINE, UNIVERSITI MALAYA
TEL: +60379674745 EMAIL: MAZNI35@UM.EDU.MY

WEBSITE:
MEDICINE.UM.EDU.MY/PARASITOLOGY-DEPARTMENT
[WWW.FACEBOOK.COM/PARASITEUM/](https://www.facebook.com/parasiteum/)
WWW.UM.EDU.MY/HOW-TO-APPLY-MASTER



Course content

Programme Core Courses		
Code	Course	Credit
MQG7001	Project Design	3
MQG7003	Concepts and Fundamentals of Medical Parasitology and Entomology	3
MQG7004	Medical Protozoology	3
MQG7005	Medical Helminthology	3
MQG7008	Medical Entomology	3
Total		15 (35.7%)
Programme Specialty Courses		
MQG7007	Applied Immunology and Molecular Biology in Parasitology	3
MQG7009	Applied Entomology	3
MQG7011	Acarology	3
MQG7012	Advanced Research Techniques	3
Total		12 (28.6%)
Elective Courses (Choose two only)		
MQG7006	Parasites Epidemiology and Relationship with Other Diseases	3
MQG7010	Forensic Entomology	3
MQG7013	Trends in Parasitic Diseases	3
Total		6 (14.3%)
Research Project		
MQG7002	Research Project (P)	9
Total		9 (21.4%)
Overall Total		42 (100%)

Semester I (Oct)		Semester II (March)		Special semester (July)	
Code	Course	Code	Course	Code	Course
MQG7001	Project Design	MQG7009	Applied Entomology	MQG7002	Research Project
MQG7003	Concepts and Fundamentals	MQG7012	Advanced Research Techniques		
MQG7004	Medical Protozoology	MQG7011	Acarology		
MQG7005	Medical Helminthology	MQG7002	Research Project (P)		
MQG7008	Medical Entomology	MQG7006	Parasites Epidemiology and Relationship with Other Disease		
MQG7007	Applied Immunology and Molecular Biology	MQG7010	Forensic Entomology		
		MQG7013	Trends in Parasitic Diseases		

Apply now:

<https://apply.um.edu.my/>

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