

WORKLOAD

The course units have a credit rating ranging from 3-18 credits. A course having credit rating of 3 will require a minimum of 150 hrs of study time. The workload will increase on a pro-rata basis with the number of credits offered. Those studying while employed full-time will need to manage time for study with other commitments.

ASSESSMENT AND EVALUATION

Each theory course will be evaluated using Continuous Assessments (CA) and the Final examination (FE).

The Overall Continuous Assessment Mark (OCAM) will decide the final evaluation of a course. Furthermore, a percentage of the OCAM will be added to the final overall mark of the course.

The Research project will be assessed based on the Dissertation (DS) and Oral Examination (OE).

AWARD OF THE DEGREE

A student will be awarded an MSc degree in Medical Entomology and Applied Parasitology on successful completion of all required courses at Levels 8, 9 and 10.

Students may also opt for a Postgraduate Diploma in Medical Entomology and Applied Parasitology after the successful completion of courses at Levels 8 and 9(after first year).

Further details can be obtained from the prospectus and Regulations for the Award of the Degree on request.

IMPORTANT DATES TO REMEMBER

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| Application deadline: | 3 rd April 2022 |
| Academic counseling: | 21 st and 22 nd April 2022 |
| Registration: | 7 th May 2022 |
| Late Registration | 19 th May 2022 (CRC only) |
| Commencement of academic activity | 21 st May 2022 |
| Add/Drop | 10 th June 2022 |
| Drop | 18 th July 2022 |

Read the Prospectus for more information on Academic Activities.

APPLICATION PROCESS

Apply online by visiting our web page: <https://reginfo.ou.ac.lk/applyonline/>
Application fee- 800/=

Application fee could be paid online using a debit/credit/eZ cash

Payment in cash can also be made to the nearest regional/study Centre of the OUSL

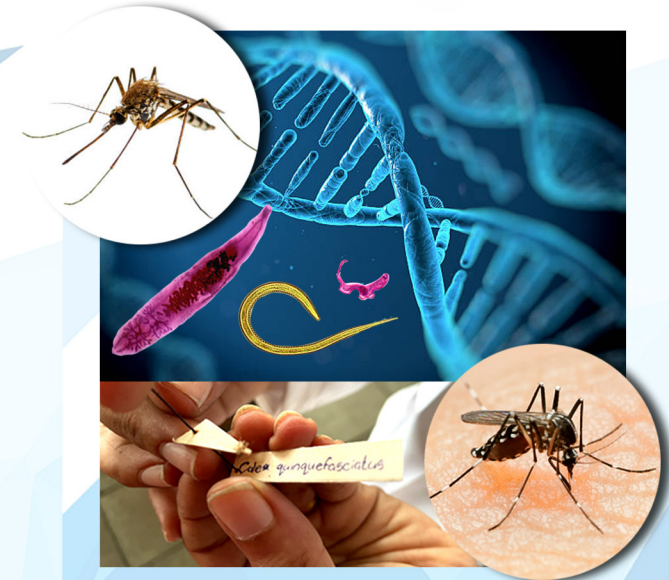
Only online applications will be accepted for this programme.

Contact Information

*Department of Zoology,
Faculty of Natural Sciences,
The Open University of Sri Lanka.
Tel number: 0112 281 448, 0112 881 446
Email: msc.meap@gmail.com
hdzoo@ou.ac.lk
cdjay@ou.ac.lk*



DEPARTMENT OF ZOOLOGY
FACULTY OF NATURAL SCIENCES
THE OPEN UNIVERSITY OF SRI LANKA



**MSc in
Medical Entomology
and
Applied Parasitology
2022/2023**



Applications are invited by The Open University of Sri Lanka (OUSL) for the MSc degree programme in Medical Entomology and Applied Parasitology. This programme is designed to meet the growing need for knowledge and skill development in vector-borne disease control and vector control. These areas of study are of importance since life-threatening vector-borne diseases like Dengue, Malaria, and JE, continue to be a major public health concern throughout the world despite all efforts to control their transmission.

FOR WHOM

For biologists, veterinarians and medical practitioners who wish to develop their knowledge and skills in a comprehensive range of aspects covering medical entomology and parasitology. This programme consists of a broad range of modules that cater to persons currently engaged or seeking careers in health-related public and private sectors, research, academia and for further postgraduate study.

OBJECTIVES

- ✦ To enable personnel employed in the health sectors to obtain specialized knowledge in fields related to vectors, pathogens and their control.
- ✦ To expand the opportunities for postgraduate studies in the field of Medical Entomology and Applied Parasitology and facilitate careers in health sector.
- ✦ To promote research in areas relevant to Medical Entomology and Applied Parasitology.

ADMISSION REQUIREMENTS

- ✓ Bachelor's Degree in Science (Biological Science) or,
- ✓ Bachelor's Degree in Veterinary Science, or,
- ✓ Bachelor of Medicine and Bachelor of Surgery (MBBS),or,
- ✓ Equivalent or higher qualification acceptable to the Senate of The Open University of Sri Lanka

PROGRAMME DELIVERY/LEARNING METHOD

MSc in Medical Entomology and Applied Parasitology will be offered as a Distance Learning programme of study. Regular attendance to the University for lectures is not required and thus will be well suited for those who are employed or engaged with other commitments.

Students will learn using specially designed learning instructional material, including printed course material, study guides and online components. Students are required to undertake extended research projects. Learning will be further facilitated with laboratory sessions and face-to-face discussion classes. Discussion classes will be conducted during weekends.

The programme will be conducted at the Colombo Regional Centre (Nawala) in the English medium.

PROGRAMME FEE

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|-------------------------------|-----------------------|
| Tuition Fee | Rs. 220,110.00 |
| Research Fee | Rs. 50,000.00 |
| Registration | Rs. 1,500.00 |
| Facility Fee | Rs. 2,500.00 |
| Library Fee | Rs. 200.00 |
| Refundable Laboratory Deposit | Rs. 10,000.00 |
| Total | Rs. 284,310.00 |

Students have the option to pay the tuition fee in two installments within 2 years period.

COURSES

Year 1

Discipline based Courses – Compulsory

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|---------|---|
| ZYP8301 | Arthropods of Medical and Veterinary Importance |
| ZYP8302 | Human Parasites |
| ZYP8603 | Introduction to Immunology & Molecular Biology |
| ZYP9304 | Host Parasite Interactions |
| ZYP9605 | Epidemiology and Control of Vector-borne Diseases |
| ZYP9306 | Diagnostic Parasitology |
| ZYP9307 | Practical Techniques in Medical Entomology |
| ZYP9308 | Public Health - Issues and Policies |

Year 2

Compulsory courses

| | |
|---------|---|
| ZYPAI09 | Research Project |
| ZYEA314 | Research Methodology and Communication Skills |

Optional courses

| | |
|---------|---|
| ZYPA410 | Defense Mechanisms in Vectors and Parasites |
| ZYPA411 | Molecular Biology of Vectors and Parasites |
| ZYPA412 | Control of Arthropod Vectors of Diseases |
| ZYPA413 | Clinical Aspects of Vector-borne Diseases |

All courses offered in Year 1 are compulsory. Three of the specialized optional courses offered in the year 2 can be chosen depending on need and interest.

Read the Programme Guide for more information about courses and prerequisites.

DURATION

Master's Degree programme will require a minimum of two academic years of study.

FREQUENCY OF PROGRAMME OFFERING

This Programme of study will be offered once every two years.