



SEAMEO-TROPMED Regional Centre for Microbiology, Parasitology & Entomology Institute for Medical Research, Kuala Lumpur, MALAYSIA

In line with the overall mission of SEAMEO, the role of SEAMEO TROPMED is to promote health and to prevent or control disease, thus improving the living conditions of people in South and Southeast Asia through relevant programmes and services. As a Network of four Regional Centres hosted by established academic and/or research institutions in Indonesia, Malaysia, the Philippines and Thailand, SEAMEO TROPMED serves to facilitate the strengthening of national and institutional capabilities in research and human resource development through various training and postgraduate degree programmes, linkages, personnel exchanges, scientific forums, technical consultant services, publication and information dissemination. SEAMEO TROPMED subscribes to the belief that a healthy and enlightened citizenry is the basis of stable nationhood and, in turn, a wholesome global community.





DIPLoma IN APPLIED PARASITOLOGY AND ENTOMOLOGY

Duration:

6 months from May - October

ENTRANCE REQUIREMENTS

Applicants must have a sufficiently good command of English to follow the Course held at a post-graduate level. They must possess at least a basic degree in biological sciences, health or medical field. Candidates should be medically fit.

OBJECTIVE

The Course is designed to train doctors, scientists and other health personnel for research, diagnostic services, control programmes and teaching institutions.

COURSE SYLLABUS

The Course consists of the following modules:

- Effective communication
- Biostatistics & epidemiology
- Molecular biology
- Immunology & haematology
- Soil-transmitted helminths
- Arthropod borne protozoan diseases and their vectors
- Arthropod borne nematode diseases and their vectors



- Other protozoan infections
- Diseases caused by trematodes and cestodes
- Acarology
- Control of vectors of medical importance
- Medical entomology - laboratory and field techniques



ASSESSMENT OF CANDIDATE

There will be continuous assessment of the candidate throughout the Course.

At the end of groups of related modules, the candidates will be assessed. This contributes to 10% of the total marks.

Each candidate will be required to do a literature search on recent advances in a particular topic, and present this to the class and faculty members. This contributes to 5% of the total marks.

A mid-term examination consisting of practical assessment contributes to 10% of the marks.

All candidates are required to conduct a small original research project which will contribute to 25% of the total marks.

The final examination consisting of both theory and practical assessment of the candidates will contribute to 50% of the total marks.

A successful candidate will be awarded the Diploma in Applied Parasitology and Entomology (D.A.P. & E.) of the SEAMEO-TROPMED Regional Centre for Microbiology, Parasitology & Entomology, Institute for Medical Research, Kuala Lumpur, Malaysia. A candidate who fails to obtain the pass mark but has satisfactorily completed the Course, will be awarded a "Certificate of Attendance".



ii. Modular Courses

Schedule 1: Modular Courses offered at the School of Diploma in Applied Parasitology & Entomology (DAP&E). Number of candidates accepted is subject to the availability of seats. The fees and dates are subject to change without prior notice.

| Module | Aprox. Duration | Tentative date | Proposed Fee (USD) |
|--|-----------------|----------------|--------------------|
| 1. Effective Communication | 1 week | May | 150.00 |
| 2. Principles of Immunology | 1 week | May | 200.00 |
| 3. Principles of Molecular Biology | 1 week | June | 300.00 |
| 4. Biostatistics & Epidemiology | 2 weeks | June | 450.00 |
| 5. Insects of Medical Importance Including Field & Laboratory Techniques | 3 weeks | June/July | 600.00 |
| 6. Control of Vectors of Medical Importance | 1 week | July | 200.00 |
| 7. Medical Acarology | 1 week | July | 200.00 |
| 8. Athropod-Borne Nematode Diseases & their vectors | 1 week | August | 200.00 |
| 9. Arthropod-Borne Protozoan Diseases | 3 weeks | August | 300.00 |
| 10. Soil Transmitted Helminthiasis & Other Nematode Diseases | 1 week | August | 200.00 |
| 11. Other Protozoan Diseases | 1 week | Aug/Sept | 150.00 |
| 12. Diseases Caused by Cestodes & Trematodes | 1 week | Sept | 150.00 |