

## Description of Courses

**Para 201 Public Health Parasitology.** Parasites of medical and public health importance - their host and environmental relationships and control.

**Para 202 Medical Protozoology.** The relationship of parasitic protozoa to their human host and his environment. Includes malariology.

**Para 203 Medical Helminthology.** The relationship of parasitic helminths to their human host and his environment.

**Para 204 Medical Entomology.** Arthropods of medical and public health importance in the Philippines.

**Para 205 Applied Medical and Public Health Entomology.** Laboratory and field research methods employed in the study of arthropods of major importance. Includes species identification, vector capacitance and sampling methods.

**Para 207 Immunology of Parasitic Infections.** Immunologic principles and techniques applied to parasitic infections.

**Para 208 Molecular Parasitology.** Theory and application of chemical, immunological and molecular biology techniques in experimental parasitology.

**Para 209 Medical Malacology.** The biology and ecology of medically important mollusks.

**Para 210 Diagnostic Parasitology.** Practicum in the diagnosis of parasitic infections.

**Para 213 Ecology and Control of Major Arthropod Vectors.** Taxonomy, biology, and control of vectors of malaria, filariasis, dengue/DHF, Japanese B encephalitis and other selected arthropods.

**Para 299 Special Studies and Research.** Research on a problem in parasitology. Time and credit to be arranged with adviser.

**Biostat 201 Fundamentals of Biostatistics.** Collection, presentation and elementary analysis of data.

**Epi 201 Principles of Epidemiology.** Ecology of human diseases and epidemiologic methods.

## Faculty Profile

**Vicente Y. Belizario, Jr., MD, MTMH**  
Professor

**Lilian A. delas Llagas, MSc, PhD, LLB**  
Professor

**Pilarita T. Rivera, MD, PhD**  
Professor

**Lydia R. Leonardo, MSc, DrPH**  
Professor

**Winifreda U. de Leon, MPH**  
Associate Professor

**Arlene G. Bertuso**  
Assistant Professor

**Juan A. Solon, MD, MSc, DTM&H**  
Senior Lecturer

**Wilfred U. Tiu, PhD**  
Professorial Lecturer

### For inquiries write to:

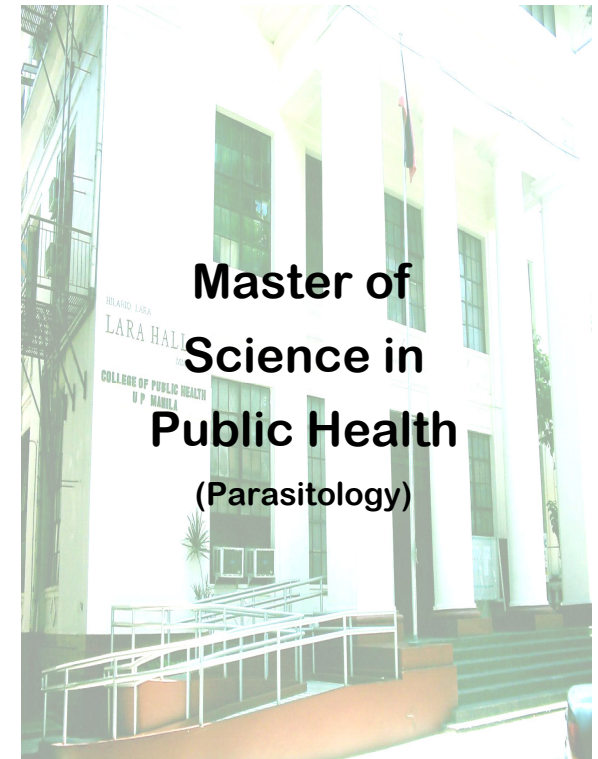
Department of Medical Parasitology  
College of Public Health  
University of the Philippines Manila  
625 Pedro Gil St., Ermita, 1000  
Manila, Philippines or  
P.O. Box EA-460, Manila 1000  
Philippines

Office of the Chair  
Tel No. (632) 523-5929  
Fax No. (632) 523-7745

Office of the College Secretary  
Tel./Fax No. (632) 521-3304

# College of Public Health

University of the Philippines Manila  
The Health Sciences Center



**SEAMEO-TROPMED**  
Regional Centre for Public Health,  
Hospital Administration,  
Environmental and Occupational Health

## Rationale and Objectives

The Master of Science in Public Health (Medical Parasitology) is designed for students with primary interests in Parasitology. While students in the program take courses mainly in the Department of Parasitology, basic courses prescribed to all MSPH students are required to ensure adequate training in other sciences and discipline basic to public health and to provide students with a broader perspective of public health problems.

At the end of the program, the students should be able to:

- demonstrate skills in the application of concepts and technologies related to medical parasitology to the solution of public health problems;
- plan and undertake research projects about parasitic problems of public health importance;
- deliver technical services related to the field of medical parasitology.

## General Information

- The academic year is divided into 2 semesters of 16 weeks each and a 6 week summer session
  - First semester : June - October
  - Second semester: November - March
  - Summer: April - May
- The medium of instruction is generally English
- The usual academic load of full - time students is 12 - 15 units
- The tuition fee is P 990.00 per unit and the miscellaneous fees amount to approximately P 1,360 per semester
- International students must pay an Educational Development Fund of US \$ 500.00 (or US \$ 100.00 for residency) per semester
- Application Fee : P300.00 for Filipinos  
US \$ 30.00 for international students

\*Fees are subject to change without prior notice

## Admission Requirements

1. Must fulfill the general admission requirements of the National Graduate Office of UP Manila
2. Good scholastic record from any recognized institution of higher learning
3. Must be graduates of approved schools of medicine and/or allied professions or have at least a baccalaureate degree in the biological sciences
4. Approval of the applicant's qualification for graduate work in Parasitology by the faculty of the Department of Parasitology

## Graduation Requirements

1. The student shall have been in residence for at least one full academic year previous to granting of the degree
2. Completion of a minimum of 40 units of formal courses (6 units of core, 16 units of major, 2 units of other required courses, 10 units of electives/cognates and 6 units of thesis)
3. General Weighted Average of "2.00" or better in major courses and in all courses taken provided there is no grade of "5.0" in any subject
4. Satisfactory completion and submission of 6 bound copies of a master's thesis

## Residence Requirements & Time Limit

- minimum residence required : 2 semesters and 1 summer
- maximum residence rule (MRR) : 5 calendar years including official leaves of absence
- If the MRR is exceeded, further extensions of not more than 1 year shall be allowed subject to the recommendation of the MSPH Program Committee and the approval of the Chancellor

## The Curriculum

		<b>Units</b>
<b>Core Courses</b>		<b>6</b>
Biostat 201	Fundamentals of Biostatistics I	3
Epi 201	Principles of Epidemiology	3
<b>Major Courses</b>		<b>16</b>
Para 201	Public Health Parasitology	2
Para 202	Medical Protozoology	2
Para 203	Medical Helminthology	2
Para 204	Medical Entomology	2
Para 207	Immunology of Parasitic Infections	2
Para 210	Diagnostic Parasitology	2
Para 211	Advanced Systematics of Helminths	2
Para 297.1	Seminars in Parasitology I	1
Para 297.2	Seminars in Parasitology II	1
<b>Other Required Course</b>		<b>2</b>
Biostat 206	Research Methods I	2
<b>Electives<sup>a</sup></b>		<b>6</b>
Para 205	Applied Medical and Public Health Entomology	2
Para 208	Molecular Parasitology	2
Para 209	Medical Malacology	2
Para 212	Parasitic Zoonoses	2
Para 213	Ecology and Control of Major Arthropod Vectors	2
Para 299	Special Studies	2-4
<b>Cognates<sup>b</sup></b>		<b>4</b>
Biostat 202	Fundamentals of Biostatistics II	2
Micro 201	Public Health Microbiology	2
EH 202	Environmental Health Practice	2
<b>Thesis</b>		<b>6</b>
Para 300	Masters' Thesis	6
<b>TOTAL</b>		<b>40</b>

<sup>a</sup>elective courses may be chosen from the list given above

<sup>b</sup>other courses that are related to the field of specialization may be taken from other departments of CPH or any unit in UP