

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 malariaology.

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 Techniques in 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 211 Advanced Systematics of Helminthes. Taxonomic and phylogenetic classification of helminthes using conventional and modern methods.

Para 212 Parasitic Zoonoses. Parasites of zoonotic importance.

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 297.1 Seminars in Parasitology I. Oral and written reports on advances in parasitology.

Para 297.2 Seminars in Parasitology II. Written and oral presentation of a review of advances in a certain topic in parasitology.

Description of Courses

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.

Para 300 Masters' Thesis

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

Biostat 202 Fundamentals of Biostatistics II. Further treatment of frequency distribution and sampling variation; least squares, correlation, linear and curvilinear regression.

Biostat 206 Research Methods. Principles of field investigation; sampling methods in the study of health problems of human populations.

EH 201 Principles and Methods of Environmental Health. Environmental health practice in relation to the prevention and control of diseases.

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

Micro 201 Public Health Microbiology. The biology of pathogenic microbes (bacteria, rickettsiae, viruses and fungi); principles of parasitism; host-microbe interactions.

Faculty Profile

Professor

Vicente Y. Belizario, Jr., MD, MTMH
Lilian A. delas Llagas, MScTM, PhD, LLB
Lydia R. Leonardo, MSc, DrPH
Pilarita T. Rivera, MD, PhD
Arlene G. Bertuso

Assistant Professor

Maria Sonia S. Salamat, MD

Please Inquire from:

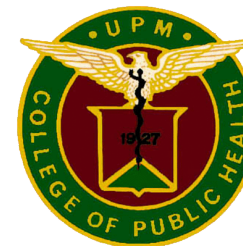
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University of the Philippines Manila
The Health Sciences Center

Master of Science in Public Health (Parasitology)



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

Rationale and Objectives

The Master of Science in Public Health (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:

1. Design, implement, and evaluate public health programs
2. Design, implement, and use research findings for policy development and institution building
3. Employ statistical techniques in analyzing and interpreting public health and medical data
4. Implement appropriate health promotion and education strategies in addressing public health issues
5. Practice inter-professional collaboration in public health service while adhering to professional, social, and ethical standards
6. Provide technical services related to parasitology
7. Select appropriate laboratory procedures for the determination of parasitological diseases.
8. Effectively use Filipino and English communication skills in both oral and written form.
9. Exemplify positive Filipino values (e.g. *damayan*, *bayanihan*, hospitality, compassion) in the conduct of public health practice.

General Information

- The academic year is divided into 2 semesters of 16 weeks each and a 6 week summer session
 - First semester : August - December
 - Second semester: January - May
 - Short term: June - July
 - 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, 6 units of elective courses, 4 units of cognate courses 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 academic 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

		Units
Core Courses		6
Biostat 201	Fundamentals of Biostatistics I	3
Epi 201	Principles of Epidemiology	3
Major Courses		16
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
Other Required Course		2
Biostat 206	Research Methods I	2
Electives^a		6
Para 205	Applied Medical and Public Health Entomology	2
Para 208	Molecular Techniques in 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
Cognates^b		4
Biostat 202	Fundamentals of Biostatistics II	2
Micro 201	Public Health Microbiology	2
EH 202	Environmental Health Practice	2
Thesis		6
Para 300	Masters' Thesis	6
	TOTAL	40

^aelective courses may be chosen from the list given above

^bother courses that are related to the field of specialization may be taken from other departments of CPH or any unit in UP