THE CURRICULUM

Core Courses *11 units*

Epi 202	Statistical Methods in Epidemiology	2 units
Epi 204	Study Designs in Epidemiology	2 units
CE 201	Fundamentals of Clinical Economics, Health Social Science and	2 units
Biostat	Fundamentals of Biostatistics I	3 units
Biostat	Fundamentals of Biostatistics II	2 units

Major Courses *13 units*

Epi 203	Communicable Disease Control	2 units
Epi 206	Epidemiology of Non-	2 units
Epi 207	Disease Outbreak Investigation	1 unit
Epi 297.1	Seminars in Epidemiology I	1 unit
Biostat 206	Research Methods I	2 units
Biostat 220.1	Introduction to Microcomputer Systems for Public Health Work-	1 unit
HPAd 201	Principles of Health Administration	2 units
HPAd 202	Principles of Health Administration	2 units

Elective Courses *10 units*

Epi 205	Evaluation Research	2 units
Epi 208	Epidemiology in Health Services	2 units
Epi 212	Sampling Methods in Epidemiolog-	2 units
Biostat 203	Non- Parametric Procedures in	2 units
Biostat 209	Experimental Designs	2 units
Biostat 211	Computer Applications in Biostatis-	3 units

DESCRIPTION OF COURSES

Epi 203 Communicable Disease Control
The principles and methods in the control of communicable diseases.

Epi 206 Epidemiology of Non-Communicable Diseases
Epidemiology of selected non-communicable diseases like cardiovascular disease, cancer, etc.

Epi 207 Disease Outbreak Investigation
Applications of the epidemiologic approach in the investigation of disease outbreaks.

Epi 299.1 Seminars in Epidemiology I
A series of presentation on various topics, issues, updates in epidemiological work.

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

Biostat 220.1 Introduction to Microcomputer Systems for Public Health Workers
Hardware and ware components, operating systems with emphasis on MS -DOS, types of software packages and their applications in research, an hands-on on a simple statistical package.

HPAd 201 Principles of Health Administration
Theoretical framework in planning and managing the health system.

HPAd 202 Practice of Health Administration
Application of planning and management principles to the health system.

FACULTY PROFILE

Ofelia P. Saniel, MPH, PhD
Ma. Carmen C. Tolabing, MPH, DrPH
Professor

Abubakar S. Asaad, MAT, MOS, PhD
Associate Professor

Paul Adrian V. Pinlac, MD, MPH
Amiel Nazer C. Bermudez, MD, MPH
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Please inquire from:

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College of Public Health

University of the Philippines Manila
The Health Sciences Center

Master of Science in Epidemiology Public Health

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

RATIONALE AND OBJECTIVES

A shortage of epidemiologists has been felt in most of the world, but more accurately so in developing countries. Because of the important role epidemiology plays in public health work, the present inadequacy of health workers with skills in epidemiology becomes a problem and this hinders the effective and efficient delivery of health care. Similarly, research in public health, particularly studies of disease etiology and health service operations suffer much from such manpower shortage.

In the Philippines today, there is, at most, only one person in each province who serves as a provincial epidemiologist and only a handful of them have adequate training in epidemiology. Additional demand of persons with such background is anticipated as more programs for the prevention and control of specific diseases are organized and implemented.

The need for epidemiologists does not end in the public health sector. Numerous opportunities await them in other agencies such as medical school and schools of other health professions, agencies concerned with environmental pollution, human settlements and even industrial establishments that are increasingly becoming aware of occupational health hazards.

The Master of Science in Epidemiology program is the response of the College of Public Health which administers the Public Health track. It is a two-year program designed to equip health professionals with the skills in the application of epidemiologic concepts, theories and principles to the solution of public health problems.

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

1. Demonstrate skills in the application of epidemiologic concepts and principles to the solution of public health problems;
2. Identify, plan, undertake, analyze and interpret public health research projects;
3. Develop a critical attitude in evaluation g scientific literature and information on the management of health problems;
4. Appreciate the roles of both economics and the social sciences in making health interventions more efficient and acceptable;
5. Deliver technical services related to the:
   - Identification of factors in disease causation;
   - Evaluation of the reliability and validity of measurements;
   - Determination and efficacy and effectiveness of intervention;
   - Planning of strategies for disease control and prevention;
   - Development of methods for evaluating health programs;
   - Provision of guidelines for research activities results of which could be bases for health policy formulation

ACADEMIC INFORMATION

The academic year is divided into 2 semesters of 16 weeks each, excluding registration and final examination periods. The 1st semester starts in June and ends in October, while the 2nd semester covers the period from November to March, with a two -week Christmas vacation in December. The summer session of 6 weeks following the 2nd semester is usually in April and May. Classes are held Monday through Friday from 8:00 am to 5:00 pm.

English is generally used as the medium of instruction. A full time student's normal load is 12-15 units per semester and 6 units during summer; a part-time student enrolls in half of these. The tuition fee is ₱990.00 per unit, library fee is ₱1,050.00 and other fees is ₱350 per semester. A student with a load of 15 units in a semester matriculates ₱16,250.00 on the average while a foreign student pays an additional Educational Development Fund of US$ 500.00 (US$100.00 for residency only) for every semester.
There is a processing fee of ₱300.00 for Filipino applicants while interested foreigners are charged US$ 30.00. Application materials can be submitted before the end of March of each year.

The following are the grade requirements for each student to be of good standing in the program: 1) general weighted average of 2.00 or better, 2) weighted average of 2.00 or better for the core courses, and 3) no grade of 5.00 in any academic course. A maximum of 5 years is given to a student to finish the program. Living accommodations for students may be provided in privately-owned housing units/dorms/apartment hotels. Dorms offer lodging and/or board. There are privately-owned eateries around the school.

ADMISSION REQUIREMENTS

The following are the minimum requirements:

1. Good scholastic record from any recognized institution of higher learning
2. Possession of a baccalaureate degree with adequate credits in the biological and physical sciences
3. Must have taken Epi 201 (Principles of Epidemiology) within the last 5 years or pass a validating exam if they have taken a course equivalent to Epi 201 with a grade of 75% (Applicants who have not yet taken Epi 201 may still be admitted but they have to formally enroll in the course and get a grade of 2.0 or better)
4. Shiftees from other programs with a GWA of 2.0 or better with no failing grade may be admitted provided they go through the application process required for all students who shift to another course.
5. At least 1 year work experience in the related field
6. Duly accomplished Application Form (available at the Graduate Office or through www.ngohs.upm.edu.ph) together with the following:
   - original copy of the official Transcript of Records
   - 2 recommendations from former professors, supervisors or employers (forms included in the application packet)
   - receipt of processing fee paid at the UPM Cashier's Office
   - certified true copy of college diploma with the seal of the university and the signature of the registrar in ink
   - 4 passport-size photos
   - resume or curriculum vitae
   - essay on an 8 -1 / 2" x 11" sheet of paper describing your motivation for pursuing graduate study and your view of self-directed learning as a method of instruction, and a description of your research interest.

For foreign applicants, additional requirements include:

- original Transcript of Records in English. If written in another language, must be translated to English and authenticated by the Philippine consulate / embassy from country of origin
- certified true copy of diploma with the seal of the university and the signature of the registrar in ink. If written in another language, must be translated to English and authenticated by the Philippine consulate / embassy from country of origin
- TOEFL (or its equivalent) score of at least 500 (written test) or 173 (computerized test) if English is not the medium of instruction in the country of origin
- affidavit of support or certification of financial capability
- photocopy of passport (present original for verification)

GRADUATION REQUIREMENTS

- Residency of at least 1 full academic year immediately prior to the granting of the degree
- Completion of a minimum of 34 units of formal courses (11 units of core courses, 13 units of major courses, 10 units of electives)
- GWA of 2.00 or better in core courses and in all courses taken provided there is no grade of 5.00 in any of them
- Satisfactory completion and submission of 6 bound copies of a master's th