CURRICULUM

	Core Courses 5 units	
Biostat 201	Fundamentals of Biostatistics I	3
Biostat 202	Fundamentals of Biostatistics II	2
	Major Courses 19 units	
CE 201	Concepts of Clinical Economics and Health	2
	Social Sciences	
	Fundamentals of Clinical Epidemiology	2
	Basic Research Methodology	2
	Critical Appraisal of Medical Literature	1
	Research Organization and Management	2 2
	Synthesis of Research	2
	Research Designs in Clinical Epidemiology	2
	Ethics in Clinical Epidemiology	1
CE 221	Principles and Techniques of Health Policy	2
	Formulation	
CE 298	Independent Study	3
OF 007	Electives/Cognates 4 units	
	Advanced Clinical Statistics	
	Advances in Clinical Economics	
	Informatics for Clinical Decision Making	
	Medical Writing and Presentation	
	Seminars in Health Social Sciences	
	Social Sciences Research Methods in Health	
Filarina 250	Introduction to Pharmacoepidemiology	

Pha

Thesis

Total units 34

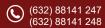




CONTACT US

Application forms may be obtained from and returned to:

THE DIRECTOR NATIONAL GRADUATE OFFICE FOR THE HEALTH SCIENCES









COLLEGE OF **MEDICINE**





MASTER OF SCIENCE IN EPIDEMIOLOGY (CLINICAL EPIDEMIOLOGY)



Clinical Epidemiology is a developing field considered by many as a basic science in clinical medicine. It has been defined as "the study of groups of people to achieve the background evidence needed for clinical decisions in patient care". Many other definitions hold in common are the following important issues:

- 1. Clinical epidemiology must generate the best possible evidence from groups of subjects regarding the effectiveness and efficiency of various clinical courses of action; and
- 2. It must translate the evidence (or lack thereof) into rational clinical decisions pertaining to the management of individual patients.

The UP College of Medicine and the College of Public Health are jointly offering the Master of Science in Epidemiology with two tracks, namely Clinical Epidemiology and Public Health. The Clinical Epidemiology tracks enables health professionals to successfully implement a health program or to deliver better health care to their patients through application of the principles of epidemiology, biostatistics, clinical economics, health social science, health technology assessment and health policy-making. The program is also designed to equip clinicians with skills to produce and evaluate valid and reliable evidence.

PROGRAM OBJECTIVES

At the end of the program, the graduate should be able to generate and evaluate information and technology relevant to his/her field of work. Specifically, the graduate should be able to:

- Demonstrate skills in the application of epidemiologic concepts and principles to the solution of clinical and public health problems;
- Identify, plan, undertake, analyze, and interpret clinical or public health problems;
- Deliver technical services to clinicians or public health workers on how to properly identify factors in disease causation;
- 4. Evaluate the reliability and validity of measurements;
- . Determine the efficacy and effectiveness of interventions;
- 6. Plan strategies for disease control/prevention;
- 7. Devise methods for evaluating health technology/programs;
- 8. Provide guidelines for research activities whose results could be bases for health policy formulation;
- 9. Develop a critical attitude in evaluating scientific literature and information in the management of health problems; and
- Appreciate the roles of both economics and the social sciences in making health interventions more efficient and acceptable.

ACADEMIC INFORMATION

Schedule of Semesters:

1st Semester: August to December 2nd Semester: January to May Midyear: June and July (6 weeks)

Number of Units:

Full-time: 9-12 units/semester Part-time: 1-8 units/semester

Midyear: 1-6 units

Fees:

Tuition Fee: P990.00/unit Library Fee: P1,050.00 Other Fees: P350.00/semester

Processing Fee: P300.00

Additional Fees for Foreign Applicants:

Processing Fee: US\$ 30.00

Educational Development Fund: US\$ 500.00 (US\$100.00 for residency only)/semester

Submission of Applications:

1st Semester: February until the last working day of April

2nd Semester: To be announced if offered

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 major/required 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.









The following are the minimum NGOHS requirements:

- Good scholastic record from any recognized institution of higher learning *prerequisite include completion of undergraduate courses in biology, chemistry, psychology or related acourses.
- 2. Entrance Interview.
- 3. Duly accomplished Application Form (downloadable through the NGOHS website: ngohs.upm.edu.ph)
- 4. Comply with the General requirements found on the 2nd page of the Application Form (UPM-NGS-OP-01F1)

Graduation Requirements:

- ☐ Be in residence for at least one full academic year immediately prior to the awarding of the degree.
- Have completed a minimum of 31 units of formal courses (10 units of core courses, 10 units of major and 3 elective courses (6 − 9 units))
- ☐ Have a weighted average of 2.00 or better in the core and major/required courses and an overall weighted average of 2.0 or better, provided there is no grade of 5.00 in any of the courses.
- ☐ Have successfully defended a master's thesis and passed the comprehensive examination.
- ☐ Satisfactory completion and submission of the required hard bound copies of thesis, and electronic copy of manuscript.

Diploma in Epidemiology (Clinical Epidemiology)

Applicants who are interested to acquire knowledge and skills to be mainly users of research, may apply to the Diploma in Epidemiology (Clinical Epidemiology). To acquire this degree, students should complete 28 units of course work with a GWA of 2.00 or better and no grade of 5.00 in any of the courses taken.