

Jacinto Blas V. Mantaring III, MD, MSc.
Chair

Cynthia P. Cordero, MD, MSc.
Graduate Program Director

FACULTY AND ADMINISTRATIVE STAFF

CLINICAL EPIDEMIOLOGISTS

Marissa M. Alejandria
Antonio L. Dans, MD, MSc
Leonila F. Dans, MD, MSc
Emmanuel P. Estrella, MD, MSc
Ma. Antonia E. Habana, MD, MSc
Noel R. Juban, MD, MSc
Mary Ann D. Lansang, MD, MSc
Corazon A. Ngelangel, MD, MSc
Felix Eduardo R. Punzalan, MD, MSc

HEALTH SOCIAL SCIENTISTS

Nina T. Castillo-Carandang, M.A, MSc
Mary Ann J. Ladia, PhD
Laurie S. Ramiro, MSc, PhD

CLINICAL/HEALTH ECONOMISTS

Hilton Y. Lam, MHA, PhD
Bernadette A. Tumanan - Mendoza, MD, MSc , MHE
Carlo Irwin A. Panelo, MD, MA

CLINICAL/HEALTH INFORMATICS
Marie Carmela M. Lapitan, MD, MS

EPIDEMIOLOGIST

Emmanuel S. Baja, ScD (Environmental)
Thien Kieu Thi (Neuro-epidemiology)
John Mark S. Velasco (Emerging Infectious
Disease Epidemiology)

BIostatisticians

Maria Lourdes E. Amarillo, MPH (Biostatistics)
Cynthia P. Cordero, MSPH, M Med Stat
Olivia T. Sison, MSPH (Biostatistics)

ADMINISTRATIVE STAFF

Girlie C. Monis (Administrative Officer)
Sandra R. Lesigues (Administrative Assistant)
Jorge N. Romero (Clerk/Messenger)

APPLICATION AND INQUIRIES

The deadline for admission of application is
last Friday of April of each year.

For inquiries, please call or visit the

**NATIONAL GRADUATE OFFICE
FOR THE HEALTH SCIENCES**

University of the Philippines Manila
Tel. No. 526-5870 or visit their website at
<http://ngohs.upm.edu.ph/>

or

**DEPARTMENT OF CLINICAL EPIDEMIOLOGY
College of Medicine**

University of the Philippines Manila
Telefax: 525-4098 or visit our website at
<http://upcm.ph/clinical-epidemiology/>

University of the Philippines Manila
College of Medicine

Department of Clinical Epidemiology



*Graduate Programs
and Courses*

Master of Science in Epidemiology

(Clinical Epidemiology)

- 1 year coursework and thesis

Diploma in Epidemiology

(Clinical Epidemiology)

- 1 year coursework

CORE COURSES – required for all MS Epidemiology students

***BIOSTAT 201** Fund. of Biostatistics 1
(3 units; 24 hrs. lecture, 48 hrs. lab.)
Collection, presentation and elementary analysis of data.

***BIOSTAT 202** Fund. of Biostatistics 2
(2 units; 16 hrs. lecture, 32 hrs. lab.)
Further treatment of frequency distributions and sampling variations;
least squares, correlation, linear and curvi-linear regression.

*offered by the Department of Epidemiology & Biostatistics, College of Public Health

MAJOR COURSES

CE 201 Concepts of Clinical Economics and Health Social Sciences
(2 units; 32 hrs. lecture)
Essential concepts in clinical economics and health social sciences

CE 211 Fundamentals of Clinical Epidemiology
(2 units; 16 hrs. lecture, 32 hrs. lab)
Introduction to scientifically appropriate ways of identifying and solving problems in human biology, clinical medicine and health care

CE 212 Basic Clinical Research Methodology
(2 units; 16 hrs. lecture, 32 hrs. lab)
General strategies of health research including design
Prerequisite: CE 211

CE 213 Critical Appraisal of Medical Literature
(1 unit; 16 hrs. lecture)
Application of rules of evidence to clinical data
Prerequisite: CE 211

CE 214 Research Organization and Management
(2 units; 32 hrs. lecture)
Concepts and principles of organization and management applied to research programs and projects

CE 215 Synthesis of Research
(2 units; 16 hrs. lecture, 32 hrs. lab)
Qualitative and/or quantitative synthesis of clinical evidence, including meta-analysis
Prerequisite: BIostat 201 & 202 or CE 205, CE 211, CE 212

CE 217 Research Designs in Clinical Epidemiology
(2 units; 16 hrs. lecture and 32 hrs. lab)
Detailed concepts in design, measurement and evaluation of clinical epidemiology studies
Prerequisite: CE 211, CE 212

CE 218 Ethics in Clinical Epidemiology
(1 unit; 16 hrs. lecture)
Principles of research ethics used in clinical epidemiology

CE 221 Principles and Techniques of Health Policy Formulation
(2 units; 32 hrs. lecture)
Theoretical frameworks in health policy formulation basic techniques of decision tree analysis, and health technology assessment

CE 298 Independent Study (3 units)

CE 300 Thesis (6 units)

ELECTIVES

CE 205 Clinical Statistics
(5 units; 48 hrs. lecture and 64 hrs. lab)
Basic statistical methods as applied in Clinical Medicine

CE 207 Advanced Clinical Statistics
(2 units; 16 hrs. lecture and 32 hrs. lab)
Advanced statistical methods for clinical epidemiology
Prerequisite: BIostat 201 & 202 or CE 205

CE 222 Advances in Clinical Economics
(2 units; 32 hrs. lecture)
Principles and methods of economic evaluation such as cost-effectiveness, cost-utility and cost-benefit analysis
Prerequisite: BIostat 201 & 202 or CE 205

CE 223 Informatics for Clinical Decision Making
(2 units; 16 hrs. lecture and 32 hrs. lab)
Application of basic concepts and principles of medical informatics to clinical decision making
Prerequisite: CE 213

CE 224 Medical Writing and Communications
(2 units; 16 hrs. lecture and 32 hrs. lab)
Techniques of medical writing and communications

CE 297 Seminars in Health Social Science
(2 units; 32 hrs. lecture)
Transdisciplinary perspective of current social issues related to health

CE 299 Social Science Research Methods in Health
(2 units; 32 hrs. lecture)
Basic qualitative and quantitative social science research methods and techniques as applied to health

SCHEDULE

FULL TIME PART-TIME

YEAR 1		
1st semester	CE 201 CE 211 CE 212 CE 213* CE 218 BIostat 201 BIostat 202	CE 201 CE 211 CE 212 CE 213* CE 218
2nd semester	CE 214 CE 215* CE 217* CE 221 CE 298 Elective 1 Elective 2	CE 214 CE 221 CE 217* Elective 1
YEAR 2		
1st semester	**CE 300	BIostat 201 BIostat 202
2nd semester	Residency	CE 298 CE 215* Elective 2*
YEAR 3	Residency	**CE 300

NOTE:

- (1) All students are required to enroll for residency after completion of their coursework and until they successfully defended their thesis.
- (2) Diploma and MS students who were not able to finish after two years and five years respectively, must apply for extension of their residency.
- (3) Diploma students have the option to pursue a Master's degree. However, the validity of their coursework is for five years only.

* with prerequisite

** not required for diploma students

Summary of Courses

Core Courses	:	5 units
Major Courses	:	19 units
Electives	:	4 units
Thesis	:	6 units
TOTAL	:	34 units

Elective 1	Elective 2
CE 223	CE 207
CE 224	CE 222
CE 297	
CE 299	