

## CURRICULUM


<b>Biostat 201</b>	<b>Core Courses   5 units</b>	
	Fundamentals of Biostatistics I	3
<b>Biostat 202</b>	Fundamentals of Biostatistics II	2
	<b>Major Courses   19 units</b>	
<b>CE 201</b>	Concepts of Clinical Economics and Health Social Sciences	2
<b>CE 211</b>	Fundamentals of Clinical Epidemiology	2
<b>CE 212</b>	Basic Research Methodology	2
<b>CE 213</b>	Critical Appraisal of Medical Literature	1
<b>CE 214</b>	Research Organization and Management	2
<b>CE 215</b>	Synthesis of Research	2
<b>CE 217</b>	Research Designs in Clinical Epidemiology	2
<b>CE 218</b>	Ethics in Clinical Epidemiology	1
<b>CE 221</b>	Principles and Techniques of Health Policy Formulation	2
<b>CE 298</b>	Independent Study	3
	<b>Electives/Cognates   4 units</b>	
<b>CE 207</b>	Advanced Clinical Statistics	
<b>CE 222</b>	Advances in Clinical Economics	
<b>CE 223</b>	Informatics for Clinical Decision Making	
<b>CE 224</b>	Medical Writing and Presentation	
<b>CE 297</b>	Seminars in Health Social Sciences	
<b>CE 299</b>	Social Sciences Research Methods in Health	
<b>Pharma 250</b>	Introduction to Pharmacoepidemiology	

**Thesis** 6

**Total units 34**



Further inquiries may be sent to:  
**THE DEPARTMENT OF CLINICAL  
 EPIDEMIOLOGY**  
 College of Medicine  
<http://dce.upm.edu.ph>

 (632) 8525-4098



Scan to visit our website:  
<https://cm.upm.edu.ph/clinical-epidemiology/>

COLLEGE OF  
**MEDICINE**




**MASTER OF SCIENCE  
 IN EPIDEMIOLOGY  
 (CLINICAL EPIDEMIOLOGY)**

### CONTACT US

Application forms may be obtained from and returned to:

**THE DIRECTOR  
 NATIONAL GRADUATE OFFICE FOR THE HEALTH SCIENCES**

 (632) 88141 247  
 (632) 88141 248

 *National Graduate Office  
 for the Health Sciences*

 [upm-ngohs@up.edu.ph](mailto:upm-ngohs@up.edu.ph)

 [ngohs.upm.edu.ph](http://ngohs.upm.edu.ph)



Scan to visit NGOHS website





## 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.*



## PROGRAM DESCRIPTION

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:

1. Demonstrate skills in the application of epidemiologic concepts and principles to the solution of clinical and public health problems;
2. Identify, plan, undertake, analyze, and interpret clinical or public health problems;
3. 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;
5. 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
10. Appreciate the roles of both economics and the social sciences in making health interventions more efficient and acceptable.



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## ADMISSION REQUIREMENTS CHECKLIST

### The following are the minimum NGOHS requirements:

1. 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.