

## Rationale & Objectives

In response to the increasing complexity of health programs and national concern for human settlements and communities, the scope of public health has evolved from preventive medicine to a multi-faceted discipline which embraces the biological, physical and social sciences. The effective practice of public health today demands a diversity of skills in order to cope with the problems that threaten survival and the quality of life.

The continued growth of public health requires the training of individuals who will assume leadership roles in the field of public health. The Doctor of Public Health (DrPH) program is designed to meet this need. It is primarily oriented to prepare professionals who will occupy key positions in teaching, research and administration in the health sciences. Graduates of the program are expected to make substantive contribution to new knowledge that is relevant to the needs of developing countries. Specifically, at the end of the program, the DrPH graduates should be able to:

- Demonstrate the use of scientific methods and tools of inquiry to study various health and related issues given the socio-economic, political and cultural dynamics of a particular situation and utilize such findings;
- Demonstrate the ability to plan, implement, evaluate and document a research and development project;
- Demonstrate the ability to advocate desirable health policy development activities and effectively influence decision-making; and
- Demonstrate the ability to apply theories and strategies of behavioral and structure changes within one's organization

## Fields of Specialization

Students of the program may choose from any of the following major areas of specialization:

- *Biostatistics\**
- *Epidemiology*
- *Medical Microbiology*
- *Nutrition*
- *Parasitology*
- *Health Promotion and Education*

\*Temporarily closed for curriculum development

## General Information

- The academic year is divided into 2 semesters of 16 weeks each, and a 6-week summer session
    - First semester : June - October
    - Second semester: November - March
    - Summer: April - May
  - The medium of instruction is 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 subject to change without prior notice

## Admission Requirements

1. MPH/MSPH degree or any equivalent preparation relevant to the field of concentration from a recognized institution of higher learning. Those with Master's degree other than MPH/MSPH must have at least 2 years of experience in public health.
2. Excellent performance in the masters' program, with emphasis on courses in the field of specialization.
3. Must have demonstrated evidence of competence in the area of specialization, through written examination or interview administered by the DrPH Program Committee.
4. Submission of an essay describing the applicant's previous and current work and an explanation of how the DrPH program is relevant to his future career.
5. Letters of recommendation from two previous professors or employers.
6. Must be 45 years old and below except in meritorious cases.

## Graduation Requirements

1. Completion of at least 45 (Epidemiology, Medical Microbiology, Parasitology) or 46 academic units (Nutrition, Health Promotion and Education)
2. Overall weighted average of 1.75 or better and a weighted average of 1.75 or better in the required courses in the field of specialization with no grade of 5.
3. Passed the comprehensive examination.
4. Must have orally defended an original dissertation that constitutes a substantial contribution to knowledge in public health, and
5. Submission of six (6) bound copies of the dissertation.

## Residence Requirements & Time Limit

- minimum residence required : 6 semesters and 3 summers
- maximum residence rule (MRR) : 7 academic years including official leaves of absence
- If the MRR is exceeded, further extension of not more than 1 year shall be allowed subject to the recommendation of DrPH Program Committee and approval of the Chancellor

## The Curriculum

	Course Title	Units
<b>Core Courses</b>		<b>13</b>
Biostat 301	Biostatistics II	3
Epi 301	Application of Epidemiologic Principles and Methods	3
HPAd 301	Advanced Course in Health Management	3
PHPE 301	Advanced Theories and Methods in Health Promotion and Education	2
PH 301	Advances in the Biological and Physico- chemical Components of the Environment that Influence Public Health	2
<b>Major Courses</b>	<b>14 - 15 units</b>	
<b>Elective/Cognates</b>	<b>6 - 7 units</b>	
<b>Dissertation</b>		<b>12</b>
<b>TOTAL</b>		<b>45 or 46</b>
<b>DrPH EPIDEMIOLOGY</b>		
<b>Major Courses</b>		<b>14</b>
Epi 302	Advanced Techniques in Epidemiology	3
Epi 303	Advances in Epidemiology of Selected Diseases	3
Epi 304	Evaluation of Health Programs	3
Epi 397.1	Seminars in Epidemiology I	1
Epi 397.2	Seminars in Epidemiology II	1
Bio 303	Applied Regression & Multivariate Analysis in Epidemiology	3
<b>Electives<sup>a</sup>/Cognates<sup>b</sup></b>		<b>6</b>
Epi 305	Theoretical Epidemiology	3
Epi 306	Advanced Techniques in the Analysis of Survival Data	3
Epi 380	Field Work	2
Biostat 302	Advanced Biometric Analysis	3
Biostat 304	Sampling Methods in Large Scale Studies	3

a - elective courses may be chosen from the list given above  
b - other courses that are related to the field of specialization may be taken from other departments of CPH or any unit in UP

## Courses

**Bio 301 Biostatistics II.** Principles of data collection, data presentation and data processing, probability distributions, computer-aided elementary and advanced techniques in the analysis of biomedical data.

**Epi 301 Application of Epidemiologic Principles and Methods.** A review of principles and concepts, and critical appraisal of epidemiologic studies in terms of study design, analysis and interpretation of data.

**HPAd 301 Advanced Course in Health Management.**

**PHPE 301 Advanced Theories and Methods in Health Promotion and Education.** An overview of the theories, methods, and research relevant to health promotion and education.

**PH 301 Advances in the Biological and Physico-Chemical Foundations of Public Health.** Advances in the biological and physico-chemical components of the environment that influence public health as basis for the development of integrated strategies to prevent and control diseases.

**Epi 302 Advanced Techniques in Epidemiology.** Strategies in the design of epidemiologic studies and advanced techniques in the analysis of epidemiologic data.

**Epi 303 Advances in Epidemiology of Selected Diseases.** Updates in the epidemiology of selected diseases.

**Epi 304 Evaluation Techniques in Health.** Principles, concepts, design and implementation of evaluation of health program/project or service.

**Epi 305 Theoretical Epidemiology.** Theoretical discussion of measures of disease frequency and association, study designs, concepts of validity, causation, statistical modeling and statistical inference.

**Epi 306 Advanced Techniques in the Analysis of Survival Data.** Methods of analysis of survival data in health and health-related research.

**Epi 380 Field Work.**

**Epi 397.1/397.2 Seminars in Epidemiology I .** A series of presentation on various topics, issues, updates in epidemiological work.

**Bio 302 Advanced Biometric Analysis.**

**Bio 303 Advanced Regression and Multivariate Analysis in Epidemiology.** Applications of linear regression, logistic regression, proportional hazards regression and common multivariate techniques.

**Bio 304 Sampling Methods in Large Scale Studies.** Discussion of sampling strategies in the planning of multi-stage sample surveys and analysis of data derived from such surveys, with application of computer software.

## 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**  
**Maylin C. Palatino, MSPH (Biostatistics)**  
**Edric D. Estrella, RPh, MPH**  
**Hygeia Grace C. Agosto, RMT, MPH**  
Assistant Professor

**Kim L. Cochon, RND**  
Instructor

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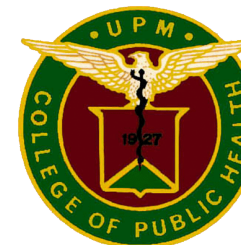
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# College of Public Health

University of the Philippines Manila  
The Health Sciences Center

## Doctor of Public Health (Epidemiology)



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