

## DESCRIPTION OF COURSES

**PHN 201 Principles and Public Health Aspects of Nutrition.** Study of the essential nutrients and the practical application of nutritional science in public health.

**PHN 202 Clinical Nutrition.** Clinical manifestations of nutritional deficiencies, and the dietary considerations in the treatment of diseases.

**PHN 203 Nutrition Surveillance.** Principles and methods of evaluation and monitoring nutritional status of communities.

**PHN 204 Laboratory Methods.** Principles and methods of instrumentation and biochemical tests used in experimental nutrition.

**PHN 205 Biochemistry of Nutrition.** Intermediary metabolism of the various nutrients.

**PHN 207 Assessment of Physical Growth.** Methods and procedures for assessing physical growth in clinical research and survey setting

**PHN 210 Nutrition Programs.** Planning and management of nutrition intervention programs.

**PHN 206 Food Safety.** Biological, physical and chemical hazards, related to food and drink, their nutritional implications, prevention and control.

**PHN 208 Dietary Methods.** Methods and techniques for assessing dietary intakes at individual and household levels.

**PHN 209 Energy Requirements.** Principles and methods for the estimation of energy requirements.

**PHN 211 Nutrition Epidemiology.** Application of epidemiological principles and methods on nutrition-related diseases.

**PHN 299 Special Studies and Research.** Time and credit to be arranged with major professor.

**Biostat 201 Fundamentals of Biostatistics I.** Collection, presentation and elementary analysis of data.

**Biostat 202 Fundamentals of Biostatistics II.** Further treatment of frequency distributions and sampling variation; least squares, correlation, linear and curvilinear regression

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

**Biostat 209 Experimental Design.** Design and analysis of experiments with emphasis on health-related and biological phenomena.

**Epi 201 Principles of Epidemiology.** Ecology of human diseases and epidemiologic methods.

## DESCRIPTION OF COURSES

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

**MCH 201 Maternal and Child Health Principles and Practices.** Maternal and child health practices and facilities in the Philippines

**MCH 202 Growth and Development.** Principles of growth and development; normal patterns of growth; problems arising from the maturation process; deviations from normal and their diagnosis and management.

**HPE 212 Socio-Cultural Determinants of Health.** The social and cultural forces in community life, especially those affecting health, including behavior of human communities and their relation to the environment

## FACULTY PROFILE

Associate Professor

**Ernani R. Bullecser, MPH**  
**Maria Raquel L. Pangan, MSFN, PhD**  
**Ma. Socorro E. Ignacio**

Assistant Professor

**Maria Luisa C. Panlilio, MD**  
**Maryenka M. Bonode, MD**

Senior Lecturer

**Caesar Eli F. Palaruan II, MD, MPH**

Professorial Lecturer

**Carmencita S. Loyola, PhD**

### Please Inquire from:

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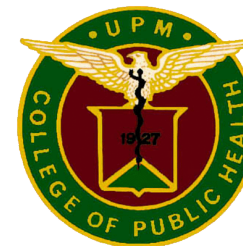
Office of the College Secretary  
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# College of Public Health

## University of the Philippines Manila

### The Health Sciences Center

## Master of Science in Public Health (Nutrition)



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

## RATIONALE AND OBJECTIVES

Malnutrition is one of the most important health problems in many underdeveloped areas of the world. Its deleterious effects on the mental and physical development of affected individuals may be a major factor in limiting the utilization of a country's existing resources. The need to prevent and control nutritional disorders as an integral part of a community health development program can not be overemphasized.

The MSPH (Nutrition) curriculum is designed to prepare professionals for more advanced work in nutrition in public health agencies, research institutions, schools, and hospitals. Graduates of the program should be able to:

- demonstrate skills in the application of concepts and technologies to the solution of community nutrition problems
- plan and undertake research projects in public health nutrition
- deliver technical services related to nutrition of population groups

## 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 generally 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

## ADMISSION REQUIREMENTS

1. Must fulfill the general admission requirements of the National Graduate Office of UP Manila.
2. Good scholastic record from any recognized institution of higher learning.
3. Must be graduates of approved schools of medicine and/or allied professions or have at least a baccalaureate degree in the biological sciences.
4. Approval of the applicant's qualification for graduate work in Nutrition by the faculty of the Department of Nutrition.

## GRADUATION REQUIREMENTS

1. The student shall have been in residence for at least one full academic year previous to granting of the degree.
2. Completion of a minimum of 40 units (6 units of core, 16 units of major, 4 units of other required courses, 4 units of elective courses, 4 units of cognates and 6 units of thesis).
3. General Weighted Average of "2.00" or better in major courses and in all courses taken provided there is no grade of "5.0" in any subject.
4. Satisfactory completion and submission of 6 bound copies of a master's thesis.

## RESIDENCE REQUIREMENTS & TIME LIMIT

- minimum residence required : 2 semesters and 1 summer
- maximum residence rule (MRR) : 5 academic years including official leaves of absence
- If the MRR is exceeded, further extensions of not more than 1 year shall be allowed subject to the recommendation of the MSPH Program Committee and the approval of the Chancellor

## THE CURRICULUM

		Units
<b>Core Courses</b>		<b>6</b>
Biostat 201	Fundamentals of Biostatistics I	3
Epi 201	Principles of Epidemiology	3
<b>Major Courses</b>		<b>16</b>
PHN 201	Principles and Public Health Aspects of Nutrition	2
PHN 202	Clinical Nutrition	2
PHN 203	Nutrition Surveillance	2
PHN 204	Laboratory Methods	2
PHN 205	Biochemistry of Nutrition	2
PHN 207	Assessment of Physical Growth	2
PHN 210	Nutrition Programs	2
PHN 297.1	Seminars in Nutrition	1
PHN 297.2	Seminars in Nutrition	1
<b>Other Required Courses</b>		<b>4</b>
Biostat 202	Fundamentals of Biostatistics II	2
Biostat 206	Research Methods I	2
<b>Electives<sup>a</sup></b>		<b>4</b>
PHN 206	Food Safety	2
PHN 208	Dietary Methods	2
PHN 209	Energy Requirements	2
PHN 211	Nutrition Epidemiology	2
PHN 299	Special Studies and Research	2-4
FN 220	Food System	2
FN 235	Ecology of Nutrition	2
FN 250	Advances in Diet Therapy	2
Biochem 230	Nutritional Biochemistry	2
<b>Cognates<sup>b</sup></b>		<b>4</b>
HPAD 201	Principles of Health Administration	2
HPE 212	Socio-Cultural Determinants of Health	2
MCH 201	Maternal and Child Health Principles and Practices	2
MCH 202	Growth and Development	2
Biostat 209	Experimental Design	2
<b>Thesis</b>		<b>6</b>
PHN 300	Masters' Thesis	6
	<b>TOTAL</b>	<b>40</b>

<sup>a</sup>elective courses may be chosen from the list given above

<sup>b</sup>other courses that are related to the field of specialization may be taken from other departments of CPH or any unit in UP