

Course Description

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.

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. Bullecer, MPH, DrPH

Ma. Socorro E. Ignacio, MSPH, DrPH

Assistant Professor

Ephraim P. Leynes, MD

Ana Kriselda B. Rivera, RMT, MPH

Francis Gregory R. Samonte, MD

Senior Lecturer

Caesar Eli F. Palaruan II, MD, MPH

Application forms may be obtained from and mailed/returned to:

THE DIRECTOR

National Graduate Office for the Health Sciences

Tel Nos.: (+632)526-5870, (+632)523-1495

Telefax: 523-1498

Email: upm-ngohs@up.edu.ph, ngohs@post.upm.edu.ph

Website: ngohs.upm.edu.ph

Further inquiries may be sent to:

THE MSPH (NUTRITION) PROGRAM COORDINATOR

College of Public Health

University of the Philippines Manila

625 Pedro Gil St., Ermita, Manila 1000 or

P.O. Box EA-460, Manila 1000 Philippines

Tel. No.: (+632)525-5858

Fax No.: (+632)521-1394

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 cannot 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:

1. Design, implement, and evaluate public health programs;
2. Design, implement, and use research findings for policy development and institution building;
3. Employ statistical techniques in analyzing and interpreting public health and medical data;
4. Implement appropriate health promotion and education strategies in addressing public health issues;
5. Practice inter-professional collaboration in public health service while adhering to professional, social, and ethical standards
6. Provide technical services related to nutrition;
7. Select appropriate laboratory procedures for the determination of microbiological diseases;
8. Effectively use Filipino and English communication skills in both oral and written form; and
9. Exemplify positive Filipino values (e.g. *damayan*, *bayanihan*, hospitality, compassion) in the conduct of public health practice.

General Information

- The academic year is divided into 2 semesters of 16 weeks each, and a short term with only 6 weeks
 - First semester : August - December
 - Second semester: January - May
 - Short term: June - July
- The medium of instruction is English.
- The usual academic load of full - time students is 12 - 15 units.
- The tuition fee is Php 990.00 per unit and the miscellaneous fees amount to approximately Php 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 : Php 300.00 for Filipinos
US \$ 30.00 for international students

* Fees subject to change without prior notice

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 the MSPH (Biostatistics) by the faculty of the Department of Nutrition.

Graduation Requirements

1. Residence of at least on full academic year immediately prior to granting of the degree
2. Completion of a minimum of 40 units (6 units of core, 12 units of major, 6 units of other required courses, 10 units of electives/cognates)
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 masters' thesis
5. Submission of publishable form of the masters' thesis

Residence Requirements and Time Limit

- Minimum residence required: 2 semesters and 1 short term
- Maximum residence rule (MRR): 5 calendar 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 MSPH Program Committee and approval of the Chancellor

The Curriculum

Core Courses		6	Units
Biostat 201	Fundamentals of Biostatistics I		3
Epi 201	Principles of Epidemiology		3
Major Courses		16	
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
Other Required Courses		4	
Biostat 202	Fundamentals of Biostatistics II		2
Biostat 206	Research Methods I		2
Electives ^a		4	
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
Cognates ^b		4	
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
Thesis		6	
PHN 300.1	Masters' Thesis		3
PHN 300.2			3
		TOTAL	40

^aelective courses may be chosen from the list given above

^bother courses that are related to the field of specialization may be taken from other departments of CPH or any unit in UP