

ELECTIVE COURSES

Interdepartmental Courses

PH 203 Health Aspects of Community Disaster Management
PH 205 Environmental Epidemiology
PH 206 Occupational Epidemiology
PH 207 Health Policy and Epidemiology
PH 208 Technical Writing
PH 210 Ethics in Public Health

Biostatistics

Biostat 202 Fundamentals of Biostatistics II
Biostat 203 Demographic and Vital Statistics
Biostat 205 Statistical Methods in Bioassay
Biostat 206 Research Methods I
Biostat 206.1 Research Methods II
Biostat 207 Non-Parametric Procedures in Biometric Research
Biostat 209 Experimental Design
Biostat 210 Categorical Data Analysis
Biostat 211 Computer Applications in Biostatistics
Biostat 212 Sample Surveys
Biostat 213 Applied Regression Analysis
Biostat 214 Applied Multivariate Analysis
Biostat 215 Survival Analysis
Biostat 220.1 Introduction to Microcomputer Systems for Public Health Workers
Biostat 220.2 Introduction to Microcomputer Systems for Hospital Administrators
Biostat 240 Human Population Genetics

Epidemiology

Epi 202 Statistical Methods in Epidemiology
Epi 203 Communicable Disease Control
Epi 204 Study Designs in Epidemiology
Epi 205 Evaluation Research
Epi 206 Epidemiology of Non-Communicable Diseases
Epi 207 Disease Outbreak Investigation
Epi 208 Epidemiology and Health Services
Epi 214 Epidemiology of Hospital-Acquired Infections
Epi 297.1/Epi 297.2 Seminars in Epidemiology
Epi 299 Special Studies and Research

Hospital Administration

HA 201 Principles of Hospital Organization and Management
HA 202 Organization and Administration of Clinical/Ancillary Services / Departments
HA 203 Legal Aspects of Hospital Administration
HA 204 Hospital Planning, Design and Maintenance
HA 205 Hospital Information System
HA 206 Hospital Accounting
HA 207 Financial Management

Health Policy And Administration

HPAd 203 Public Health Methods
HPAd 204 Community Mental Health
HPAd 205 Health Policy Analysis and Legislation
HPAd 206 International Health and Development
HPAd 207 Human Resource Management
HPAd 208 Economics in Health
HPAd 209 Health Services Research
HPAd 210 Health Organizational Theory
HPAd 211 Benefit Cost-Analysis and Valuations in Health

HPAd 212 Advanced Health Care Financial Management
HPAd 213 Health Care Quality Management and Regulation

HPAd 297 Seminars in Public Health
HPAd 299 Special Studies and Research

PHNA 201 Organization and Administration
PHNA 204 Dynamics of Public Health Nursing

FP 201 Population Problems
FP 202 Fertility Regulation
FP 203 Administration of Fertility Regulation Programs
FP 298 Special Problems in Family Planning

FP 299 Special Studies and Research
MCH 201 Maternal and Child Health Principles and Practices

MCH 202 Growth and Development
MCH 298 Special Problems in Maternal and Child Health

DPH 201 Principles and Methods in Dental Public Health

DPH 205 Dental Statistics and Epidemiology
DPH 207 Community Preventive Measures

Health Policy Studies

HPS 201 Fundamentals of Policy Studies
HPS 203 Ecology of Policy Development
HPS 235 Social Epidemiology
HPS 251 Advanced Health Policy
HPS 252 Advanced Health Economics
HPS 253 Health Information Management
HPS 256 Health Organizations Behavior

Health Promotion and Education

PHPE 201 General Problems in Community Health Education
PHPE 202 Health Promotion for Community Development
PHPE 204 Communications in Public Health
PHPE 205 Special Problems in Health Education
PHPE 212 Socio-Cultural Determinants of Health
PHPE 214 Development of Teaching/Training Programs in Preventive Medicine and Public Health
PHPE 215 Human Behavior in Health Care Organizations
PHPE 299 Special Studies and Research

ELECTIVE COURSES

Microbiology

Micro 202 Immunology
Micro 203 Applied Bacteriology
Micro 206 Medical Mycology
Micro 207 Microbial Physiology
Micro 208 Immunology of Microbial Infections
Micro 209 Applied Virology
Micro 210 Microbial Zoonoses
Micro 211 Preparation of Vaccines and Immune Serums
Micro 212 Microbial Pathogens in Water and Food
Micro 297.1/297.2 Seminars in Microbiology
Micro 299 Special Studies and Research

Public Health Nutrition

PHN 201 Principles and Public Health Aspects of Nutrition
PHN 202 Clinical Nutrition
PHN 203 Nutrition Surveillance
PHN 204 Laboratory Methods
PHN 205 Biochemistry of Nutrition
PHN 206 Food Safety
PHN 207 Assessment of Physical Growth
PHN 208 Dietary Methods
PHN 209 Energy Requirements
PHN 210 Nutrition Programs
PHN 211 Nutrition Epidemiology
PHN 299 Special Studies And Research
PHN 297.1/PHN 297.2 Seminars in Nutrition

Occupational Health

OH 201 Principles and Methods of Occupational Health
OH 202 Industrial Hygiene Technology
OH 203 Industrial Toxicology
OH 204 Environmental Physiology
OH 205 Environmental Pollution
OH 206 Workplace Surveys
OH 207 Health Maintenance in the Workplace
OH 208 Occupational Diseases
OH 209 Disability Evaluation, Labor Legislation and Forensic Medicine
OH 210 Workplace Sanitation
OH 211 Industrial Safety
OH 212 Occupational Health Nursing
OH 213 Occupational Lung Diseases
OH 214 Fundamentals and Principles of Ergonomics
OH 214.1 Applied Ergonomics.

Environmental Health

EH 201 Principles and Methods of Environmental Health
EH 202 Environmental Health Practice
EH 203 Chemistry of Water and Wastewater
EH 204 Instrumental Methods of Chemical Analysis
EH 205 Biological Aspects of Water Supply and Water Pollution
EH 207 Fundamentals Of Environmental Toxicology
EH 208 Air Pollution Epidemiology
EH 209 Radiological Health
EH 210 Hospital Sanitation and Safety
EH 211 Hazardous and Toxic Waste Management
EH 212 Introduction to Environmental Health Impact Assessment
EH 214 Environmental Health Service for Emergencies
EH 215 Environmental Health Policy

Public Health Engineering

PHE 204 Water Treatment Theory and Design
PHE 205 Waste Water Disposal and Treatment
PHE 299 Special Studies and Research

Parasitology

Para 202 Medical Protozoology
Para 203 Medical Helminthology
Para 204 Medical Entomology
Para 205 Applied Medical and Public Health Entomology
Para 207 Immunology of Parasitic Infections.
Para 208 Molecular Parasitology
Para 209 Medical Malacology
Para 210 Diagnostic Parasitology
Para 211 Advanced Systematics of Helminths
Para 212 Parasitic Zoonoses
Para 213 Ecology and Control of Major Arthropod Vectors
Para 297.1/Para 297.2 Seminars in Parasitology
Para 299 Special Studies and Research

Please inquire from:

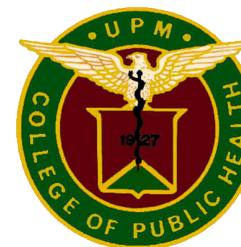
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University of the Philippines Manila
The Health Sciences Center

Master of Public Health



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

RATIONALE AND OBJECTIVES

The program is designed to equip students with a broad range of skills, knowledge and attitudes derived from various disciplines which enable them to critically assess and deal effectively with the broad spectrum of public health problems and issues at the local, national and international levels. The curriculum is also designed to provide knowledge and develop skills in specific areas within public health relevant to the student's career goals.

At the end of the program the student should be able to attain the following objectives:

1. An understanding of the interrelatedness and interdependence of the various ecological (physical, biological, chemical, social, economic, political) factors influencing health, illness and the delivery of health services.
2. An understanding of the normal and abnormal changes in the individual's life cycle and points for potential primary intervention.
3. An appreciation of the dynamics of individual and group behaviour and the need to utilize the educational approach in affecting behavioural and social changes.
4. The ability to assess the health needs of communities, plan appropriate programs/interventions to deal with health problems, implement and evaluate these programs.
5. The ability to manage/administer health care services, especially within the organization's limited resources.
6. The ability to use research findings in the study of current and emerging health problems.
7. The appreciation of the public health professional's role of being a facilitator of social change in one's organization and community.
8. An understanding of the clinical management, prevention and control of tropical diseases and proficiency in laboratory diagnosis

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. 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. Graduates of approved medical schools or graduate with professional training in nursing, dentistry, engineering, veterinary medicine, etc. with at least baccalaureate degree in science.
4. At least 1 year work experience in the related field.

THE CURRICULUM

| Core Courses : | 21 units | Units |
|-------------------------|-------------------------------------|-----------|
| Biostat 201 | Fundamentals of Biostatistics I | 3 |
| Epi201 | Principles of Epidemiology | 3 |
| HPAd 201 | Principles of Health Administration | 2 |
| HPAd 202 | Practice of Health Administration | 2 |
| PH 201 | Man, Health and Environment I | 2 |
| PH 202 | Man, Health and Environment II | 2 |
| Biostat 206 | Research Methods | 2 |
| PHPE 210 | Public Health Education | 2 |
| PH 280 | Field Practice | 3 |
| Elective Courses | | |
| | Plan A (Thesis Plan) | 7 |
| | Plan B (Comprehensive Exam Plan) | 13 |
| Thesis | | 6 |
| | Total | 34 |

GRADUATION REQUIREMENTS

1. Residency of at least one full academic year prior to the granting of the degree.
2. Completion of a minimum of 34 units through one of two plans:
 - a) Plan A or Thesis Plan: 28 units academic courses and 6 units of thesis; or
 - b) Plan B or Comprehensive Exam Plan: 34 units academic courses and a grade of "PASS" in a comprehensive exam.
3. Grade Requirements: A general weighted average of at least "2.00" provided that there is no grade of "5" in any of the courses taken.

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 extension of not more than 1 year shall be allowed subject to the recommendation of MPH Program Committee and approval of the Chancellor

DESCRIPTION OF CORE COURSES

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

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.

HPAd 202 Practice of Health Administration. Application of planning and management principles to the health system.

Public Health 201 Man, Health and the Environment I. The dynamic interrelationships between man and the environment as these affect health.

Public Health 202 Man, Health and the Environment II. The dynamic interrelationship between man and the environment as these affect health.

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

PHPE 210 Public Health Promotion and Education. General principles and methods of education of the public in matters of health.

Public Health 280 Field Practice. Advanced practice in the field of public health.