

List of Elective Courses (1)

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

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

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

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

List of Elective Courses (2)

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

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

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

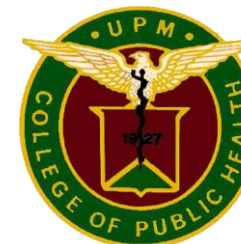
Further inquiries may be sent to:

THE MPH PROGRAM COMMITTEE CHAIR
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)524-2703
 Fax No. (632) 521-1394

COLLEGE OF PUBLIC HEALTH
 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 behavior and the need to utilize the educational approach in affecting behavioral 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 : 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 to 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.

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 and Time Limit

- Minimum residence required: 2 semesters and 1 short term
- 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

The Curriculum

Core Courses		21 units
Biostat 201	<i>Fundamentals of Biostatistics I</i> Collection, presentation and elementary analysis of data.	3
Epi 201	<i>Principles of Epidemiology</i> Ecology of human diseases and epidemiologic methods.	3
HPAd 201	<i>Principles of Health Administration</i> Theoretical framework in planning and managing the health system.	2
HPAd 202	<i>Practice of Health Administration</i> Application of planning and management principles to the health system.	2
PH 201	<i>Man, Health and Environment I</i> The dynamic interrelationships between man and the environment as these affect health.	2
PH 202	<i>Man, Health and Environment II</i> The dynamic interrelationships between man and the environment as these affect health.	2
Biostat 206	<i>Research Methods</i> Principles of field investigation; sampling methods in the study of health problems of human populations.	2
PHPE 210	<i>Public Health Education</i> General principles and methods of education of the public in matters of health.	2
PH 280	<i>Field Practice</i> Advanced practice in the field of public health.	3
Elective Courses		
<i>Plan A (Thesis Plan)</i>		7 units
<i>Plan B (Comprehensive Exam Plan)</i>		13 units
Thesis (for Thesis Plan only)		6 units
TOTAL		34 units