

## Course Description

**OH 201 Principles and Methods of Occupational Health.** The place and scope of preventive medicine in industry; the relationship of occupation to disease and the place of physiological hygiene in public health.

**OH 202 Industrial Hygiene Technology.** Lectures and laboratory sessions illustrating the principles and methods of recognizing, evaluating, and controlling environmental hazards and air pollution. *Prereq. OH 201*

**OH 203 Industrial Toxicology.** Entry, action and elimination or detoxification of toxic substances. Design of toxicity experiments, dose and effect relationships. Toxicity of chemicals. *Prereq. OH 201*

**OH 204 Environmental Physiology.** Physiological responses of man to various stresses in the environment. *Prereq. OH 201*

**OH 205 Environmental Pollution.** Causes and effects of pollution.

**OH 206 Workplace Surveys.** Survey, analysis and recommendation regarding health and safety problems in workplaces visited. *Prereq. OH 202*

**OH 207 Health Maintenance in the Workplace.** Health surveillance, health promotion and maintenance in a workplace. *Prereq. OH 201, HPAd 201*

**OH 208 Occupational Diseases.** Clinical manifestations, differential diagnosis, prevention and treatment. *Prereq. OH 201*

**OH 209 Disability Evaluation, Labor Legislation and Forensic Medicine.** Elements of disability evaluation, labor laws affecting management, workers, health personnel in industry. Legal responsibilities of physicians and nurses. *Prereq. OH 208*

**OH 210 Workplace Sanitation.** Fundamentals of sanitation in the workplace.

**OH 211 Industrial Safety.** Fundamentals and principles of safety in industry. *Prereq. OH 201*

**OH 212 Occupational Health Nursing.** Principles and methods of occupational health nursing.

**OH 213 Occupational Lung Diseases.** Mechanisms of occupational lung disorders and their control. *Prereq. OH 208*

**OH 280 Occupational Health Field Practice.** Occupational health practice in the workplace.

**OH 214 Fundamentals and Principles of Ergonomics.** Fundamentals and principles of ergonomics for the development, design and testing of human-machine-environment system for maximum performance and human welfare. *Prereq. OH 202*

**OH 214.1 Applied Ergonomics.** Development and design of human machine-environment systems. *Prereq. OH 214*

**OH 280 Occupational Health Field Practice.** Occupational health practice in the workplace. *Prereq. All core courses*

**OH 297 Seminars on Occupational Health and Safety.** Discussions on issues and concerns in occupational health and safety.

**OH 299 Special Studies and Research.**

**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. *Prereq. Biostat 201*

**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.

## Faculty Profile

### DEPARTMENT OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH

Professor

**Romeo R. Quizon, MSc Eng'g, FPSSE, ASEAN Eng**  
**Victorio B. Molina, MPH, PhD**

Associate Professors

**Vivien Fe F. Fadrilan-Camacho, MD, MPH, FPAFP**  
**Crystal Amiel M. Estrada, RMT, MPH, PhD**  
**Paul Michael R. Hernandez, MD, MOH**  
**Marian Fe Theresa C. Lomboy, MSc**

Assistant Professors

**Gayline F. Manalang Jr., PTRP, MOH**  
**Rose Abigail D. Enoveso, RMT, MSPH**

Instructor

**Harvey C. Domingo, PTRP**

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

**THE DIRECTOR**

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*Further inquiries may be sent to:*

**THE MOH PROGRAM COMMITTEE CHAIR**

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COLLEGE OF PUBLIC HEALTH  
University of the Philippines Manila  
The Health Sciences Center



**Master of  
Occupational Health**

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

## Rationale and Objectives

The Master of Occupational Health (MOH) program is intended to prepare students for careers or responsibilities dealing with health and safety problems in the workplace. It is designed for professionals with diverse academic backgrounds. Emphasis is on principles and methods of occupational health and safety and their application in the provision of health care to workers in all occupations or workplaces. The curriculum is also designed to provide in-depth knowledge and skills in specific areas of work in occupational health and public health relevant to the student's career goals.

At the end of the MOH program, the students should be able to attain the following objectives:

- Implement health promotion and education strategies in addressing occupational health and safety (OHS) issues
- Apply research skills and evidence-based solutions in addressing OHS issues
- Manage OHS programs and services effectively in multi-disciplinary and multi-cultural settings
- Lead in the application of innovative and socially-responsive approaches for the prevention and management of injury and disease in the workplace
- Effectively use Filipino and English communication skills in both oral and written form
- Demonstrate the ability to successfully work in inter-professional collaboration settings while adhering to professional, social, and ethical standards
- Exemplify positive Filipino values (e.g. damayan, bayanihan, hospitality, compassion) in the conduct of OHS practice.
- Engage in lifelong learning in the field of OHS.

## 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. 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 Occupational Health by the faculty of the Department of Environmental and Occupational Health.

## Graduation Requirements

1. The student must complete either:
  - a) Plan A: at least 36 units (30 units of academic courses and 6 units of thesis)
  - b) Plan B: at least 36 units of academic courses and pass a written comprehensive examination.
2. 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 MOH Program Committee and approval of the Chancellor

## The Curriculum

Major Courses		16
OH 201	Principles and Methods of Occupational Health	2
OH 202	Health	2
OH 203	Industrial Hygiene Technology	2
OH 204	Industrial Toxicology	2
OH 205	Environmental Physiology	1
OH 206	Environmental Pollution	2
OH 207	Workplace Surveys	2
OH 280	Health Maintenance in the Workplace	3
	Occupational Health Field Practice	

Other Required Courses		10
HPAd 201	Principles of Health Administration	2
HPAd 202	Practice of Health Administration	2
Biostat 201	Fundamentals of Biostatistics I	3
Epi 201	Principles of Epidemiology	3

Electives <sup>a</sup> /Cognates <sup>b</sup>		
Plan A		4 - 8
Plan B		10 - 14
OH 208	Occupational Diseases	2
OH 209	Disability Evaluation, Labor Legislation and Forensic Medicine	2
OH 210	Workplace Sanitation	1
OH 211	Industrial Safety	2
OH 213	Occupational Lung Diseases	2
OH 214	Fundamentals and Principles of Ergonomics	2
OH 214.1	Applied Ergonomics	2
OH 297	Seminars in Occupational Health and Safety	1
OH 299	Special Studies and Research	3
Thesis (Plan A only)		6
OH 300	Masters' Thesis	6

**TOTAL 36 - 40**

<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