

## CURRICULUM

## COLLEGE OF PUBLIC HEALTH



### Core Courses | 8 units

Biostat 201	Fundamentals of Biostatistics I	3
Epi 201	Principle of Epidemiology	3
Biostat 206	Research Methods	2

### Major Courses | 16 units

Micro 202	Immunology	3
Micro 203	Applied Bacteriology	2
Micro 205	Virology	2
Micro 206	Medical Mycology	2
Micro 207	Microbial Physiology	3
Micro 208	Immunology of Infectious Diseases	2
Micro 297.1	Seminars in Microbiology	1
Micro 297.2	Seminars in Microbiology	1

### Minor Courses | 6 units BACTERIOLOGY TRACK

Micro 210	Microbial Zoonoses	2
Micro 212	Microbial Pathogens in Water and Food	2
Micro 299	Special Studies and Research	2

### MYCOLOGY TRACK

Micro 210	Microbial Zoonoses	2
Micro 214	Advanced Mycology	2
Micro 299	Special Studies and Research	2

### VIROLOGY TRACK

Micro 209	Applied Virology	2
Micro 211	Preparation of Vaccine and Immune Serum	2
Micro 299	Special Studies and Research	2

### Cognate/Elective Courses | 10 units

Biostat 202	Fundamentals of Biostatistics	2
Para 204	Medical Entomology	2
OH 201	Principles and Methods of Occupational Health	2
OH 203	Industrial Toxicology	2
OH 208	Occupational Diseases	2

### Thesis

6

**Total Units 40**



Further inquiries may be sent to  
**DEPARTMENT OF  
MEDICAL MICROBIOLOGY  
COLLEGE OF PUBLIC HEALTH**



(+632) 8525-5874,  
(+632) 8521-1394



Scan to visit our website:  
<https://cph.upm.edu.ph/>

### CONTACT US

Application forms may be obtained from and returned to:

### THE DIRECTOR

**NATIONAL GRADUATE OFFICE FOR THE HEALTH SCIENCES**



(632) 88141 247  
(632) 88141 248



National Graduate Office  
for the Health Sciences



[upm-ngohs@up.edu.ph](mailto:upm-ngohs@up.edu.ph)



[ngohs.upm.edu.ph](https://ngohs.upm.edu.ph)



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S. 2023



**MASTER OF SCIENCE IN  
PUBLIC HEALTH  
(MEDICAL MICROBIOLOGY)**





## PROGRAM DESCRIPTION

The Master of Science in Public Health (Medical Microbiology) program is intended to prepare students and professionals for various careers and opportunities in the different fields of microbiology. Candidates are free to choose any of the available areas of specialization in microbiology (Applied Bacteriology, Virology, Mycology and Immunology)

## PROGRAM OBJECTIVE

- Design, implement, and evaluate public health programs;
- Design, implement, and use research findings for policy development and institution building;
- Employ statistical techniques in analyzing and interpreting public health and medical data;
- Implement appropriate health promotion and education strategies in addressing public health issues;
- Practice inter-professional collaboration in public health service while adhering to professional, social, and ethical standards;
- Effectively use Filipino and English communication skills in both oral and written form; and
- Exemplify positive Filipino values (e.g. damayan, bayanihan, hospitality, compassion) in the conduct of public health practice.

## Additional outcomes

- Provide technical services related to biostatistics, environmental health, medical microbiology, nutrition and parasitology; and
- Design and implement a statistical data management plan.

## ACADEMIC INFORMATION

### Schedule of Semesters:

1st Semester: August to December  
2nd Semester: January to May  
Midyear: June and July (6 weeks)

### Number of Units:

Full-time: 9-12 units/semester  
Part-time: 1-8 units/semester  
Midyear: 1-6 units

### Fees:

Tuition Fee: P990.00/unit  
Library Fee: P1,050.00  
Other Fees: P350.00/semester  
Processing Fee: P300.00

### Additional Fees for Foreign Applicants:

Processing Fee: US\$ 30.00  
Educational Development Fund: US\$ 500.00  
(US\$100.00 for residency only)/semester

### Submission of Applications:

1st Semester: February until the last working day of April  
2nd Semester: To be announced if offered

### The following are the grade requirements for each student to be of good standing in the program:

- 1) General weighted average of 2.00 or better;
- 2) Weighted average of 2.00 or better for the major/required courses; and
- 3) No grade of 5.00 in any academic course.

*\*\*A maximum of 5 years is given to a student to finish the program.*

*Living accommodations for students may be provided in privately-owned housing units/dorms/apartment hotels. Dorms offer lodging and/or board. There are privately-owned eateries around the school.*



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## ADMISSION REQUIREMENTS CHECKLIST

### The following are the minimum NGOHS requirements:

1. Good scholastic record from any recognized institution of higher learning.
2. Possession of a baccalaureate degree with adequate credits in the biological and physical sciences.
3. Must have taken Epi 201 (Principles of Epidemiology) or pass a validating exam if they have taken a course equivalent to Epi 201. (Applicants who have not yet taken Epi 201 may still be admitted but they have to formally enroll in the course)
4. At least 1 year work experience in the related field.
5. Duly accomplished Application Form (downloadable through the NGOHS website: ngohs.upm.edu.ph)
6. Comply with the General requirements found on the 2nd page of the Application Form (UPM-NGS-OP-01F1)

### Graduation Requirements:

- ☐ Residency of at least 1 full academic year immediately prior to the granting of the degree.
- ☐ Completion of a minimum of 34 units of formal courses (11 units of core courses, 13 units of major courses, 10 units of electives)
- ☐ GWA of 2.00 or better in major courses and all courses taken provided there is no grade of 5.00 in any of them.
- ☐ Satisfactory completion and submission of the required hard bound copies of thesis, and electronic copy of manuscript.
- ☐ Publication requirement as with other MSPH Programs.
- ☐ Certification of submission of paper for Publication.