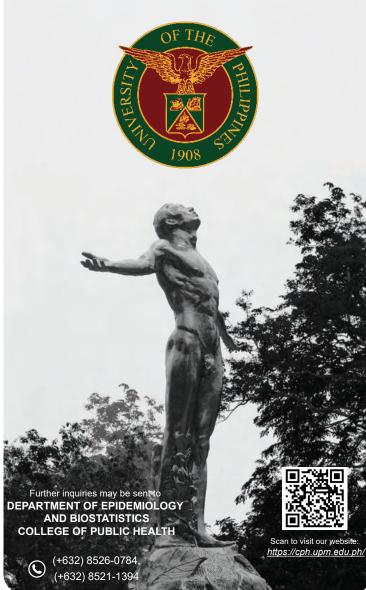
## **CURRICULUM**

	Core Courses   3 units	
Epi 201	Principle of Epidemiology	3
Biostat 206.1 Biostat 209 Biostat 211 Biostat 212 Biostat 213 Biostat 214 Biostat 231	Required Courses   21 units Research Methods I Research Methods II Experimental Designs Computer Applications in Biostatistics Sample Surveys Applied Regression Analysis (a) Applied Multivariate Analysis (a) Introduction to Probability Theory Introduction to Statistical Theory	2 1 2 3 2 2 2 2 3 3
Epi 202	Other Required Courses   2 units Statistical Methods in Epidemiology	2
	Practicum   (d) Practicum in Statistical Consulting Practicum in Teaching of Biostatistics Special Studies and Research (c)	2 2 3
Biostat 205 Biostat 207 Biostat 208 Biostat 210 Biostat 215 Biostat 294 Epi 203 Epi 204 Epi 205	Elective Courses   4 (b) or 7 (c) Demographic and Vital Statistics Statistical Methods in Bioassay Non-Parametric Procedures in Biometric Research Statistical Design and Analysis of Data in Clinical Trials Categorical Data Analysis Survival Analysis Specialized Methods in Biostatistics Communicable Disease Control Study Designs in Epidemiology Evaluation Research Epidemiology of Non-Communicable Diseases	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Biostat 300	Cognate (e) Thesis (b) Master's Thesis	4 6

Total Units 40 or more

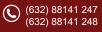
- For those interested in a career in the academe, these courses may be substituted with Biostat 234 (Introduction to generalized linear theory) and Biostat 235 (Introduction to theories of multivariate analysis)
- b. For those pursuing Plan A (with thesis)
- c. For those pursuing Plan B
- d. A student may choose either one of these two courses
- e. Other courses that are related to the field of specialization may be taken from other departments of CPH or any unit in UP.



## **CONTACT US**

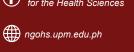
Application forms may be obtained from and returned to:

# THE DIRECTOR NATIONAL GRADUATE OFFICE FOR THE HEALTH SCIENCES



(x) upm-ngohs@up.edu.ph







MASTER OF SCIENCE IN PUBLIC HEALTH (BIOSTATISTICS)

COLLEGE OF **PUBLIC HEALTH** 









The Master of Science in Public Health (Biostatistics) program is a positive response of the College of Public Health to the increasing demand for competent biostatisticians who have both the strong biological background as well as the statistical facility to appreciate, analyze and interpret biomedical and public health problems.

### 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

Short Session: June and July (6 weeks)

\*\*English is generally used as the medium of instruction.

#### Number of Units:

Full-time: 12-15 units/semester Part-time: 3-6 units/semester

Midvear: 6 units

#### Fees:

Tuition Fee: P990.00/unit Llbrary 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 \*\*Average Tuition Fee for 15 units is P16.250.00

## **Submission of Applications:**

1st Semester: February until the last working day of April 2nd Semester: September until the last working day of October

## 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.

 $^{*\star}$ A maximum of 5 years is given to a student to finish the program.

## Mode of programme offering:

- Regular
- 2. Saturday Class

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.





## The following are the minimum NGOHS requirements:

- 1. Good scholastic record from any recognized institution of higher learning.
- 2. At least 1 year of work experience in the related field.
- 3. Duly accomplished Application Form (downloadable through the NGOHS website: ngohs.upm.edu.ph)
- 4. 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
- ☐ 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.

Total Units

PLAN B REQUIRED FORMAL COURSES 26 UNITS
With Practicum
Biostatistics/Epidemiology Electives

Cognates **Special Studies** 

**Total Units 42**