

CURRICULUM

COLLEGE OF PUBLIC HEALTH



Core Courses | 3 units

Epi 201 Principle of Epidemiology 3

Required Courses | 21 units

Biostat 206 Research Methods I 2
 Biostat 206.1 Research Methods II 1
 Biostat 209 Experimental Designs 2
 Biostat 211 Computer Applications in Biostatistics 3
 Biostat 212 Sample Surveys 2
 Biostat 213 Applied Regression Analysis (a) 2
 Biostat 214 Applied Multivariate Analysis (a) 2
 Biostat 231 Introduction to Probability Theory 3
 Biostat 232 Introduction to Statistical Theory 3

Other Required Courses | 2 units

Epi 202 Statistical Methods in Epidemiology 2

Practicum | (d)

Biostat 292 Practicum in Statistical Consulting 2
 Biostat 293 Practicum in Teaching of Biostatistics 2
 Biostat 299 Special Studies and Research (c) 3

Elective Courses | 4 (b) or 7 (c)

Biostat 203 Demographic and Vital Statistics 2
 Biostat 205 Statistical Methods in Bioassay 2
 Biostat 207 Non-Parametric Procedures in Biometric Research 2
 Biostat 208 Statistical Design and Analysis of Data in Clinical Trials 2
 Biostat 210 Categorical Data Analysis 2
 Biostat 215 Survival Analysis 2
 Biostat 294 Specialized Methods in Biostatistics 2
 Epi 203 Communicable Disease Control 2
 Epi 204 Study Designs in Epidemiology 2
 Epi 205 Evaluation Research 2
 Epi 206 Epidemiology of Non-Communicable Diseases 2

Cognate (e)

4

Thesis (b)

Biostat 300 Master's Thesis 6

Total Units 40 or more



Further inquiries may be sent to
**DEPARTMENT OF EPIDEMIOLOGY
 AND BIOSTATISTICS
 COLLEGE OF PUBLIC HEALTH**



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

(+632) 8526-0784,
 (+632) 8521-1394

- 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)
- For those pursuing Plan A (with thesis)
- For those pursuing Plan B
- A student may choose either one of these two courses
- 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**

(632) 88141 247
 (632) 88141 248

National Graduate Office
 for the Health Sciences

upm-ngohs@up.edu.ph

ngohs.upm.edu.ph



Scan to visit NGOHS website

S. 2023



**MASTER OF SCIENCE IN
 PUBLIC HEALTH
 (BIOSTATISTICS)**



PROGRAM DESCRIPTION

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

Midyear: 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

***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.

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

Mode of programme offering:

1. 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.



SCAN TO DOWNLOAD APPLICATION



ADMISSION REQUIREMENTS CHECKLIST

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 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.

Breakdown of course requirements for graduation:

PLAN A REQUIRED FORMAL COURSES 26 UNITS	26
With Practicum	2
Biostatistics/Epidemiology Electives	4
Cognates	4
Thesis	6
Total Units	42

PLAN B REQUIRED FORMAL COURSES 26 UNITS	26
With Practicum	2
Biostatistics/Epidemiology Electives	7
Cognates	4
Special Studies	3
Total Units	42