CURRICULUM

Core Courses | 19 units

Biostat 201	Fundamentals of Biostatistics I	3
Epi 201	Principles of Epidemiology	3
Biochem 205	Special Laboratory Techniques	3
Biochem 221	Nucleotides and Nucleic Acids	3
Biochem 222	Proteins, Lipids and Biochemistry	3
Biochem 297	Seminars in Biochemical Literature	1
Bioethics 201	Foundations and Approaches to Bioethics	3

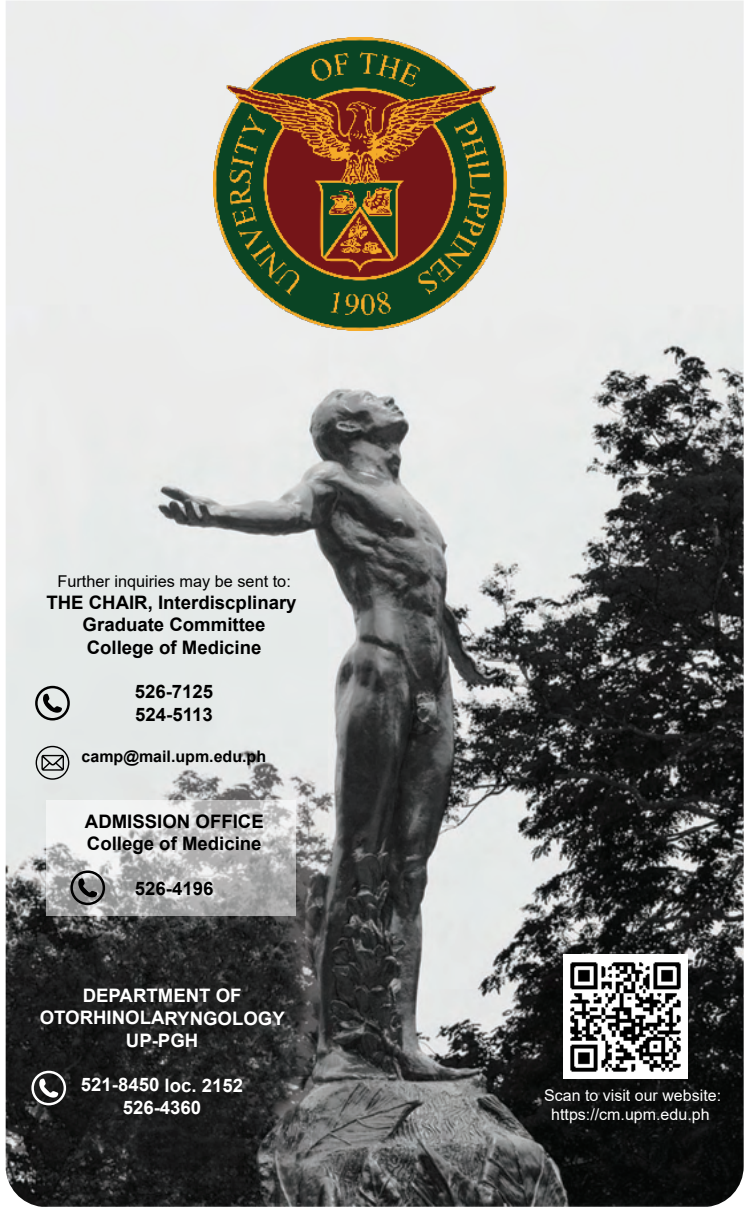
Total units 35

Major and Elective Courses

Depending on the specialty/tracking of the student, 12 units of major courses (at least 10 units in 300 series) and 4 units of cognate/elective courses in the 300 series of courses may be chosen from those listed under the Departments of Biochemistry and Molecular Biology of the College of Medicine, and the Departments of Medical Microbiology and Parasitology of the College of

Dissertation 12 units

List of Major Courses	Units
Biochemistry & Molecular Biology	
Biochem 224	3
Biochem 240	4
Biochem 310	3
Biochem 315	2
Biochem 320	2
Biochem 325	2
Biochem 330	2
Biochem 350	3
Medical Parasitolog	
Para 301	2
Para 302	2
Para 303	2
Para 305	2
Para 306	2
Para 307	2
Para 309	3
Para 399	3
Medical Microbiology	
Micro 310	3
Micro 311	3
Micro 312	3
Micro 313	3
Micro 397.1	1
Micro 397.2	1
Micro 314	3
Micro 315	3
Micro 316	3
Micro 399	3
Physiology	
Physio 206	2
Physio 297	2
Physio 299	2
Pharmacology	
Pharma 210	1
Pharma 220	3
Pharma 234	3



Further inquiries may be sent to:
THE CHAIR, Interdiscplinary Graduate Committee
College of Medicine

526-7125
524-5113

camp@mail.upm.edu.ph

ADMISSION OFFICE
College of Medicine

526-4196

DEPARTMENT OF OTORHINOLARYNGOLOGY
UP-PGH

521-8450 loc. 2152
526-4360

Scan to visit our website:
https://cm.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

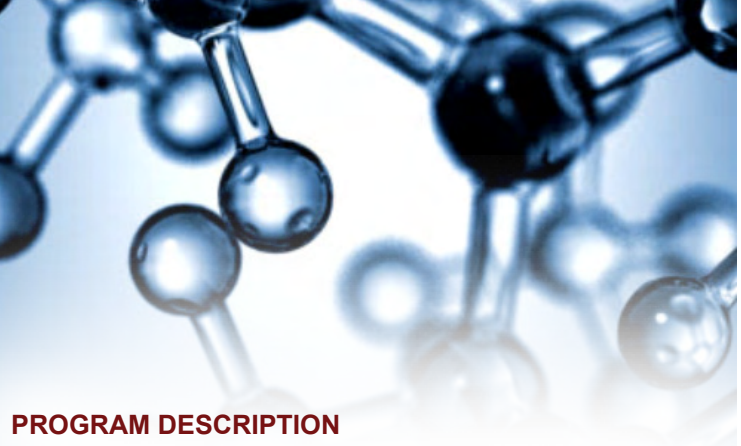
ngohs.upm.edu.ph

Scan to visit NGOHS website

S. 2023

COLLEGE OF
MEDICINE

MD-PHD
MOLECULAR MEDICINE



PROGRAM DESCRIPTION

The dual MD- PhD (Molecular Medicine) program of the UPCM aims to train aspiring physician- scientists for careers dedicated to the pursuit of basic and applied biomedical research towards the advancement of health from individual to global levels. The prescribed program of study comprises eight years: one year of graduate level coursework and research, five years of medical education (LU III – VII of the INTARMED program) and two years for completion and defense of a PhD dissertation. Applicants are expected to clearly demonstrate their aptitude and motivation for advanced study in molecular medicine and related areas.

PROGRAM OBJECTIVES

The medical community over the years scientifically developed both patient management and clinical care and pursued quest for new knowledge through various clinical researches. The medical researches included basic science research that delved into pathogenic mechanisms, development of newer, safer and more effective drugs, therapeutic and diagnostic agents, as well as vaccines and other preventive modalities. All of these endeavors evolved from a direct understanding of the patient and their illness, how the body naturally reacts and responds to the invading pathogens, and how intervention measures work towards recovery. It has become a global trend to train medical doctor-scientists with strong background in medical research applications. It is in this context that a medical doctor should be given a strong background in basic and clinical research for a more effective professional in the pursuit of a research career, as a medical doctor or molecular biologist or biotechnologist. As part of its mission/ objectives on human resource development, the UP College of Medicine offers a postgraduate degree training course which will produce scientists, trainers/educators and practitioners in molecular medicine. Graduates of the course will have the necessary expertise in conducting biomedical researches envisioned to upgrade the delivery of health services in the Philippines.

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

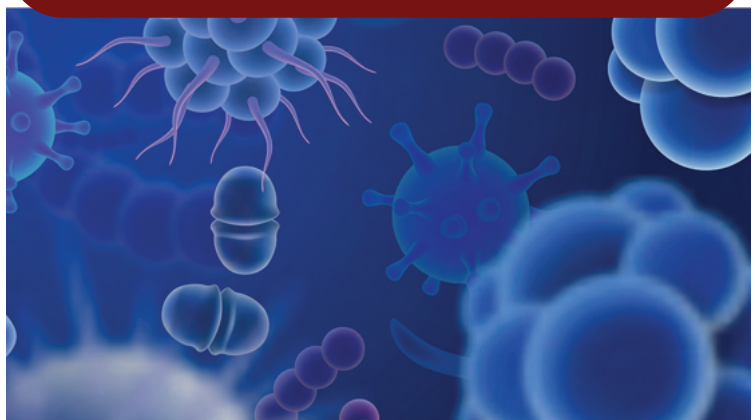
Fees:
Tuition Fee: P990.00/unit
Library Fee: P1,050.00
Other Fees: P350.00/semester
Processing Fee: P300.00

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.



SCAN TO DOWNLOAD APPLICATION

ADMISSION REQUIREMENTS CHECKLIST

The following are the minimum NGOHS requirements:

1. Outstanding scholastic record (GWA of 1.75 or higher) from any recognized institution of higher learning.
2. A bachelor's or master's degree in the biomedical field, preferably in Biochemistry, Molecular Biology or Biotechnology.
3. A high aptitude for advanced study and research potential in molecular biology and biotechnology and their applications in medicine.
4. Undergo an entrance interview.
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:

- ☐ Completion of 2,569 hours medicine proper subjects and 142 weeks of clinical rotation.
- ☐ Completion of at least 32 units PhD coursework with an overall weighted average of 1.75 or better and weighted average of 1.75 or better in required courses in the field of specialization and no grade of 5.00.
- ☐ Pass a comprehensive examination aimed to test the student's ability to integrate and apply knowledge.
- ☐ Completion and passing of oral and written original dissertation that constitutes a substantial contribution to knowledge in medicine and submission of the required hard bound copies of the dissertation.
- ☐ Residency of at least 2 years immediately prior to the awarding of the degree.