

CURRICULUM

Core Courses | 13 units

Pharma 204	Fundamentals of Pharmacology	4
Pharma 220	Pharmacologic Techniques	3
Pharma 248	Toxicology	3
Pharma 299	Research Methods in Pharmacology	3

Electives Courses | 5 units of any subjects

Pharma 234	Advances in Molecular Pharmacology	2
Pharma 235	Biologic Fate of Drugs	2
Pharma 236	Advances in Comparative Pharmacology, Pharmacogenetics and Pharmacogenomics	2
Pharma 241	Advances in Behavioral Pharmacology	2
Pharma 243	Developmental Pharmacology and Teratology	2
Pharma 244	Clinical Pharmacology	2
Pharma 245	Advances in Autonomic Pharmacology	2
Pharma 246	Endocrine Pharmacology	2
Pharma 247	Cancer Pharmacology	2
Pharma 250	Introduction to Pharmacoepidemiology	2
Pharma 255	Reproductive Toxicology	2
Pharma 256	Cardiovascular Pharmacology	2
Pharma 257	Pharmacology of Infectious Diseases	2
Pharma 258	Pharmacology in Herbal Medicine	2
Pharma 297	Seminars in Pharmacology and Toxicology	1

Cognates | 6 units

Any course outside of but related to the major discipline or field, which aims to complement or enrich the major courses. Students have the option to take courses under electives to comply with the 6 units of cognate courses if so desired. Biostat 201 (3 units) is a highly recommended cognate to help the students to prepare for their thesis.


Thesis | 6 units


Pharma 300.1	Master's Thesis	3
Pharma 300.2	Master's Thesis	3

Total units 30



Further inquiries may be sent to:
**THE DEPARTMENT
OF PHARMACOLOGY**
College of Medicine

 (632) 8-521-8251

 pharmafaculty@gmail.com



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

COLLEGE OF
MEDICINE




**MASTER OF SCIENCE IN
PHARMACOLOGY**

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



PROGRAM DESCRIPTION

Master of Science in Pharmacology is one of the oldest institutional graduate programs of the University of the Philippines College of Medicine. It is a 2-year program that offers students advanced knowledge and skills in the multi-disciplinary and specialized fields of pharmacology and toxicology. The MS Pharmacology curriculum takes into consideration the UN Sustainable Development Goals 3 and 4; namely "Good health and well-being" and "Quality Education".

PROGRAM OBJECTIVES

The graduates of this program are expected to:

1. Demonstrate advanced knowledge and skills in specialized or multidisciplinary fields of pharmacology and toxicology for their chosen professional practice and self-directed research;
2. Apply developments in the specific field of practice in pharmacology and toxicology to determine applicability and utility in their practiced profession;
3. Communicate scientific content in professional or technical forums and/or in various written media for public awareness and utilization of research output in pharmacology and toxicology;
4. Act professionally and ethically with social responsibility.
5. Generate knowledge and innovations in pharmacology and toxicology to address our national needs and/or the global community; and
6. Work independently toward lifelong learning in his/her practiced professional field in pharmacology and toxicology.

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: (Inclusion of fees per unit if lab or lecture)
 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) 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. Bachelor of Science degree or its equivalent and preferably with a background in biology, chemistry, mathematics, and physics; or Doctor of Medicine degree and related sciences (e.g. Dentistry, Veterinary Medicine)
3. 1-2 years work experience in the related field.
4. Duly accomplished Application Form (downloadable through the NGOHS website: ngohs.upm.edu.ph)
5. Comply with the General requirements found on the 2nd page of the Application Form (UPM-NGS-OP-01F1)

Graduation Requirements:

A candidate for the degree of Master of Science in Pharmacology must comply with the rules of graduation of the University.

- Completion of academic requirements with a general weighted average not lower than 2.0.
- Completion of 24 units of course work and 6 units of thesis.
- Satisfactory completion and submission of the required hard bound copies of thesis, and electronic copy of manuscript.
- Certificate of Submission Acceptance.