

| CURRICULUM |

Core Courses 10 units		
Phar 220	Institutional Pharmacy Management	2
Phar 275	Legal, Regulatory and Ethical Issues in Pharmacy	2
Phar 297	Graduate Seminar	1
Phar 297.1	Special Topics in Pharmacy	1
Phar 299	Research Methods in Pharmacy	3

Major Courses

Pharmaceutical Chemistry 15 units		
Ph Ch 201	Alkaloids and Peptides	3
Ph Ch 203	Advance Pharmaceutical Assaying	3
Ph Ch 206	Advanced Pharmaceutical Biochemistry	3
Ph Ch 285	Spectroscopic Methods in Structural Analysis	3
Ph Ch 298	Special Problems in Pharmaceutical Chemistry	3

Hospital Pharmacy | 13 units

Phar 221	Drug Information Services	2
Phar 227	Drug Management System	2
Phar 250	Medication Order Processing	2
Phar 255	Parenteral Admixtures	2
Phar 280	Pharmaceutical Care	2
Phar 298	Special Problems in Hospital Pharmacy	3

Industrial Pharmacy | 13 units

IP 202	Advance Pharmaceutical Manufacturing	2
IP 205	Advance Quality Assurance of Pharmaceuticals	2
IP 222	Applied Pharmacokinetics	2
IP 235	Pharmaceutical Plant Design	2
IP 270	Trends in Pharmaceutical Product Development	2
IP 298	Special Problems in Industrial Pharmacy	3

Electives/Cognates 3 units or more

Ph Ch 202	Polyketides, Flavonoids, and Terpenoids	3
Ph Ch 204	Essential Oils	3
Ph Ch 230	Analysis of Phytomedicinals	3
Ph Ch 241	Molecular Pharmacology	2
Ph Ch 245	Environmental Toxicology in Pharmacy	2
Ph Ch 281	Pharmaceutical Organic Synthesis	2
IP 241	Advanced Biopharmaceutics	2

Thesis
Phar 300 6 units

Total 32 units or more

Further inquiries may be sent to:
COLLEGE OF PHARMACY
Tel nos: (632) 526-4434
Fax no: (632) 526-6118



CONTACT US

Application forms may be obtained from and returned to:
THE DIRECTOR
NATIONAL GRADUATE OFFICE FOR THE HEALTH SCIENCES

☎ (632) 526-5870, 523-1495

🏠 (632) 523-1498

🌐 ngohs.upm.edu.ph

✉ ngohs@post.upm.edu.ph

🐦 ngohs@post.upm.edu.ph



**NATIONAL GRADUATE OFFICE
FOR THE HEALTH SCIENCES**



MASTER OF SCIENCE IN PHARMACY

**A PROGRAM OFFERING OF THE
COLLEGE OF PHARMACY
UNIVERSITY OF THE PHILIPPINES
MANILA**



THE COLLEGE OF PHARMACY

The College of Pharmacy is one of the nine [9] degree granting units at the University of the Philippines Manila. It envisions itself to be an institution that provides quality, socially-relevant, globally competitive pharmacy education and where research and extension services address the needs of the profession, industry and the society as a whole. It was founded in 1911. Among its curricular offerings is the Master of Science in Pharmacy which has three tracks:

- Hospital Pharmacy
- Industrial Pharmacy
- Pharmaceutical Chemistry

OBJECTIVES

The Master of Science in Pharmacy is a socially-responsive, standard-driven graduate program that addresses the current competencies required of pharmacists in the areas of industrial, institutional and research-oriented practice. In general, the MS Pharmacy program aims to produce graduates who can:

1. effectively manage a pharmaceutical organization
2. be knowledgeable in establishing regulatory affairs compliance of pharmaceutical products and institutions
3. demonstrate skills in the conduct of relevant research, whether basic or applied
4. demonstrate teaching abilities and skills in pharmacy
5. proactively participate in resolving issues as well as in formulating policies affecting the practice and the society

ACADEMIC INFORMATION

The academic year is divided into 2 semesters of 16 weeks each, excluding registration and final examination periods. The 1st semester starts in August and ends in December, while the 2nd semester covers the period from January to May. The summer session of 6 weeks following the 2nd semester is usually in June and July.

English is generally used as the medium of instruction. A full time student's normal load is 12-15 units per semester and 6 units during summer; a part-time student enrolls in half of these. At present, the tuition fee is P990.00 per unit, the library fee is P1,050.00 and other fees is P350.00 per semester. A student with a load of 15 units in a semester matriculates P14,850.00 on the average while a foreign student pays an additional Educational Development Fund of US \$ 500.00 (US \$100.00 for residency only) for every semester.

There is a processing fee of P300.00 for Filipino applicants while interested foreigners are charged US\$ 30.00. Application materials can be submitted not later than the first Friday of April of each year.

The following are the grade requirements for each student to be of good standing in the program: 1) general weighted average of 1.75 or better, 2) weighted average of 1.75 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.



ADMISSION REQUIREMENTS

The following are the minimum NGOHS requirements:

1. Good scholastic record from any recognized institution of higher learning
2. Bachelor's degree in Pharmacy/Industrial Pharmacy
3. For non-UP graduate, GWA must be 2.00 or better
4. At least 1 year of experience in the related field
5. Duly accomplished Application Form (available at the Graduate office or through ngohs.upm.edu.ph) together with the following documents:
 - * original copy of the official Transcript of Records
 - * 2 recommendations from former professors, supervisors or employers
 - * receipt of processing fee paid at the UPM Cashier's Office
 - * certified true copy of college diploma with the seal of the university and the signature of the registrar in ink
 - * 4 passport-size photos
 - * photocopy of certificate of birth and certificate of marriage (for married female applicant) (NSO paper)
 - * essay on an 8-1/2" x 11" sheet of paper describing your motivation for pursuing graduate study, your view of self-directed learning as a method of instruction, and a description of your research interest.
6. For foreign applicants, additional requirements include:
 - * original Transcript of Records duly authenticated by consulate/embassy
 - * certified true copy of the English translation of the diploma with the seal of the university and the signature of the registrar in ink, duly authenticated by the consulate/embassy
 - * Official TOEFL score of at least 550 (written test) or 173 (computerized test); 61 (internet based) or other Certification of English proficiency equivalent to TOEFL (e.g. IELTS (band 6); a certificate that English is the medium of instruction in the university where the student has graduated from is sufficient to waive this requirement
 - * affidavit of support or certification of financial capability
 - * photocopy of passport (present original for verification)

GRADUATION REQUIREMENTS

- * Residency of at least one full academic year immediately prior to the granting of the degree
- * Completion of at least 30 units of formal courses
- * Satisfactory completion and submission of 6 hard bound (maroon color) copies of the thesis
- * GWA of 2.00 or better in major courses and in all courses taken, provided there is no grade of 5.00 in any of these courses