

Admission Number

2	6	1	9	M	G	0	0
---	---	---	---	---	---	---	---

**Master of Science in Pharmacy Programme in Pharmaceutical Chemistry and Pharmaceutical
Phytochemistry (International Programme)**

หลักสูตร เกษัชศาสตรมหาบัณฑิต

สาขาวิชา เกษัชเคมีและเกษัชพฤกษเคมี

(หลักสูตรนานาชาติ)(ภาคปกติ)

Faculty of Pharmacy

คณะเภสัชศาสตร์

Expected number of students to be accepted year round : 10 Students

Admission Requirements

candidates must :

1. be graduated or are studying in the final year in pharmacy at bachelor degree level from institutions that are endorsed by the Higher Education Commission
2. have a minimum grade point average of 2.50 ;
3. have a TOEFL score of at least 480, TOEFL computer-based score of 157, TOEFL Internet-based score of 54, or IELTS score of 4.5 or pass the English Proficiency Examination arranged by the Faculty of Graduate Studies.

Those who do not have any of the test scores specified above will have to take the English Proficiency Examination of the Faculty of Graduate Studies on the specified examination day.

4. In case your qualification does not match to the admission criteria, candidates must prior attach "A Requesting Form for Examination" approved by the program director. The form must be submitted before making the application. Kindly download here:

http://www.grad.mahidol.ac.th/grad/admission/form_th.php

Exemption from the above conditions may be granted by the Programme Committee under exceptional circumstances.

Written Examination (Applicants must attend the examination date accurately to your admission round.)

<u>First Round</u> January 17, 2015		<u>Second Round</u> May 16, 2015	
Subjects for examination	Time	Subjects for examination	Time
1. English	8.30 - 11.30 a.m.	1. English	8.30 - 11.30 a.m.
2. General Knowledge	11.30 - 12.30 p.m.	2. General Knowledge	11.30 - 12.30 p.m.
3. Pharmaceutical Chemistry, Pharmacognosy, Botany	1.30 - 4.30 p.m.	3. Pharmaceutical Chemistry, Pharmacognosy, Botany	1.30 - 4.30 p.m.

Examination Place
Mahidol University , Salaya , Nakhonpathom more details : www.grad.mahidol.ac.th or Announcement at Faculty of Graduate Studies branches.

Curriculum Structure

	Credit
Required Courses	16
Elective Courses no less than	9
Thesis	12

	Credit	
Required Courses		
PYID 685	Research Methodology in Pharmacy I	2(2-0-4)
PYID 670	Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry I	1(1-0-2)
PYID 671	Seminar in Pharmaceutical Chemistry and Pharmaceutical Phytochemistry II	1(1-0-2)
PYPG 651	Pharmaceutical Phytochemistry I	3(2-3-5)
PYPG 652	Pharmaceutical Phytochemistry II	3(2-3-5)
PYPC 657	Drug Design I	3(2-3-5)
PYPC 639	Advanced Pharmaceutical Analysis I	3(2-3-5)
Elective Courses		
GRID 603	Biostatistics	3(3-0-6)
PYPC 658	Drug Design II	3(2-3-5)
PYPC 640	Advanced Pharmaceutical Analysis II	3(2-3-5)
PYPC 650	Reactions in Pharmaceutical Analysis	3(2-3-5)
PYPC 651	Stability of Pharmaceuticals	3(2-3-5)
PYPC 652	Chemistry of Heterocyclic Drugs	3(2-3-5)
PYPC 656	Chemometrics in Pharmaceutical Chemistry	3(2-3-5)
PYPG 649	Development of Medicinal Plants I	3(2-3-5)
PYPG 650	Development of Medicinal Plants II	3(2-3-5)
PYPG 657	Separation Techniques	3(2-3-5)
PYPG 664	Nuclear Magnetic Resonance Spectroscopy	3(3-0-6)
PYPG 668	Applications of Plant Biotechnology	3(3-0-6)
PYPB 600	Traditional Thai Medicine	3(3-0-6)
PYPB 604	Medical Ethnobotany	3(2-3-5)
PYPB 607	Development of Herbal Medicine	3(2-3-5)
PYID 695	Applied Plant Biotechnology in Pharmaceutical Sciences	3(2-3-5)
Thesis		
PYID 698	Thesis	12(0-36-0)
* These may change in cases where there are suggestions for the improvement of the curriculum		

Additional advantages of the programme

The graduates will be knowledgeable and skillful in researches in the areas of pharmaceutical and pharmaceutical phytochemistry for development of synthetic and natural product drug quality.

Details of Scholarships

1. Scholarship of the 60th Year of the Supreme Reign of His Majesty King Bhumibol Adulyadej.
2. TRF-MAG Scholarship from the Thailand Research Fund (TRF)

Detail Other

The applicants should have strong background in both chemistry and botany

Application Process

Application is only available via online application at www.grad.mahidol.ac.th

Required Documents

Prepare the following required documents to submit via online admission system or post :

- Four (2) recent photographs (1x1 inch in size)
- A copy of an applicant's degree certificate or a letter of graduation certification (for an applicant with a degree completion) 2 copies
- A letter certifying that an applicant is currently in the final year prior to graduation (for an applicant seeking for a degree) 2 copies
- A detailed transcript of a degree (for an applicant with a degree completion) 2 copies
- A grade report with course names and grades received from the first to the current semester prior to graduation 2 copies
- A copy of identification card 2 copies
- A copy of house registration certification 2 copies
- A copy of a medical license 2 copies
- A copy of a work experience certifying letter 2 copies
- A copy of Certificate of English score: TOEFL/IELTS/MU-Test (if any). See detail here: http://www.grad.mahidol.ac.th/grad/academicinfo/engstandard2553_th.php 2 copies
Those who early submit a valid English score prior to the examination will be exempt from English test on the examination date.
- A copy of proof of payment.

Submitting documents via online admission system.

- All documents must be in pdf format (maximum size 2 MB)
- Recent photograph must be in jpeg format only (maximum size 2 MB)

Job option after graduation

1. Scholar in university
2. Researcher
3. Industrial pharmacist
4. Hospital pharmacist
5. Pharmacist in Food and Drug Administration

**Further information may be obtained from the Director of Graduate Studies,
Pharmaceutical Chemistry and Pharmaceutical Phytochemistry**

1. Assoc. Prof. Jiraporn Ungwitayatorn (E-mail : pyjuw@mahidol.ac.th)

Room 4/27 Racharattana Building, 4th Floor ,
Department of Pharmaceutical Chemistry, Faculty of Pharmacy
Tel. 02-644 8695 Fax : 02-644 8695

2. Dr. Pongtip Sithisan (E-mail : pongtip.sit@mahidol.ac.th)

Racharattana Building, 5th Floor ,
Department of Pharmacognosy, Faculty of Pharmacy
Tel. 02-644 8695 Fax : 02-644 8695

Program Coordinator

Mrs.Surunchana Kaewsatit (E-mail : pysks@mahidol.ac.th)

Thepparatana Building , 1th Floor ,
Graduate Education , Faculty of Pharmacy
Tel.02-644 8678 Ext. 1131, 02-357 3747

Note 1. For more education information : www.grad.mahidol.ac.th

**For more information please contact The Student Admission Section.
Tel . 0 2441 4125 ext. 208-210 , 0 2441 9129, E-mail : gradthai@mahidol.ac.th**