

Admission Number

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

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

หลักสูตร วิทยาศาสตร์มหาบัณฑิต สาขาวิชา เคมีและพฤกษเคมี (หลักสูตรนานาชาติ)(ภาคปกติ)

Faculty of Pharmacy

คณะเภสัชศาสตร์

Expected number of students to be accepted year round : 6 Students

There are two major concentrations

1. **Pharmaceutical Chemistry (แขนงเภสัชเคมี)**
2. **Phytochemistry (แขนงพฤกษเคมี)**

Admission Requirements

A candidate must:

1. hold a degree or be studying in the last year of Bachelor's Degree in Health Science or other related fields of study such as Chemistry, Microbiology, Biology, Biotechnology.
1. have a minimum grade point average of 2.75;
2. 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.

Written Examination (Pharmaceutical Chemistry)

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

<u>Third Round</u> May 31, 2014	
Subjects for examination	Time
1. English	8.30 - 11.30 a.m.
2. General Knowledge	11.30 - 12.30 p.m.
3. Pharmaceutical Chemistry	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.	

Written Examination (Phytochemistry)

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

Third Round	
May 31, 2014	
Subjects for examination	Time
1. English	8.30 - 11.30 a.m.
2. General Knowledge	11.30 - 12.30 p.m.
3. Phytochemistry	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	19
Elective Courses	6
Thesis	12

Credit		
Required Courses		
PYPC 659	Instrumental Analysis Laboratory	3(1-6-4)
PYPC 660	Organic Medicinal Chemistry	3(2-3-5)
PYPG 669	Basis of Structure Elucidation	3(3-0-6)
PYPC 667	Phytochemistry	3(3-0-6)
PYPP 600	Seminar in Pharmaceutical Chemistry and Phytochemistry I	1(1-0-2)
PYPP 601	Seminar in Pharmaceutical Chemistry and Phytochemistry II	1(1-0-2)
PYID 685	Research Methodology in Pharmacy I	2(2-0-4)
GRID 603	Biostatistics	3(3-0-6)
Elective Courses		
PYPC 639	Advanced Pharmaceutical analysis I	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)

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

A researcher/academician in the fields of drug development, quality control of pharmaceutical product and natural material in public/private research institutions or drug and medical product company.

Further information may be obtained from the Director of Graduate Studies,

Phytochemistry :

1. **Assoc.Prof.Dr. Weena Jiratchariyakul** (E-mail : headpypg@mahidol.ac.th)
Room 508, Rajaratana Building, Floor 5,
Department of Pharmacognosy, Faculty of Pharmacy.
Tel: 0 2644 8677-91 Ext : 5530,5531,5523 Fax: 0 2644 8701

Pharmaceuticals Chemistry:

1. **Lect. Jutarat Pimthon** (E-mail : jutarat.pim@mahidol.ac.th)
Rajaratana Building, Floor 4,
Department of Pharmaceutical Chemistry, Faculty of Pharmacy.
Tel: 0 2644 8677-91 Ext : 5402 Fax: 0 2644 8695

Program Coordinator

Mr. Ithipol Ithiamnuaypan (E-mail : ithipol.ith@mahidol.ac.th)
Room 508, Rajaratana Building, Floor 5,
Department of Pharmacognosy, Faculty of Pharmacy.
Tel: 0 2644 8677-91 Ext : 5530-1 Fax: 0 2644 8701

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**