

**Admission Number**

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**Doctor of Philosophy Programme in Clinical Pharmacy (International Programme )**

หลักสูตร ปรัชญาดุษฎีบัณฑิต สาขาวิชา เกษัชกรรมคลินิก (หลักสูตรนานาชาติ) (ภาคปกติ)

**Faculty of Pharmacy**

คณะเภสัชศาสตร์

**Expected number of students to be accepted year round : 3 students**

**Admission Requirements**

**A candidate must:**

1. Hold a Bachelor Degree in Pharmacy with GPA not less than 3.50 or
2. Hold a Master Degree in Clinical Pharmacy or other equivalent qualification with GPA not less than 3.50
3. Submit a certificate of English proficiency with minimum admission score:
  - IELTS - at least 4 or
  - TOEFL INTERNET BASED - at least 45 or
  - TOEFL ITP (test arranged by Faculty of Graduate Study, Mahidol University) - at least 450

Important Notes:

- English proficiency score must be taken within 2 years up to the admission date.
  - Application without submitting a valid English certificate will NOT be considered.
  - MU English Competence Standards: [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th)
  - MU English proficiency tests, please contact the Language Center, Faculty of Graduate Studies.  
Tel. 0-2441-4125 ext. 221-222
4. Exemption from the above conditions may be granted by the Programme Committee under exceptional circumstances.

**Written Examination**

There is NO written examination for this program. Applicants must check their eligibility for interview upon the announcing date of the interview list which is scheduled for each admission round.

## Curriculum Structure

Plan 2			Credit
<b>For student holding a Bachelor Degree in Pharmacy</b>			
Required Courses			22
Elective Courses			6
Thesis			48
<b>For student holding a Master Degree in Clinical Pharmacy or other equivalent qualification</b>			
Required			6
Thesis			36
			Credit
<b>Required Courses</b>			
<b>For student holding a Bachelor Degree in Pharmacy</b>			
PYPY	668	Clinical Pharmacy and Clerkship I	3 (2-3-5)
PYPY	669	Clinical Pharmacy and Clerkship II	3 (2-3-5)
PYPY	642	Clinical Pharmacy Research Creation and Design	3 (3-0-6)
PYPY	643	Experimental and Molecular Therapeutics	3 (3-0-6)
PYPY	648	Seminar in Clinical Pharmacy I	1 (1-0-2)
PYPY	649	Seminar in Clinical Pharmacy II	1 (1-0-2)
PYPY	666	Pharmaceutical Care I	3 (3-0-6)
PYPY	667	Pharmaceutical Care II	3 (3-0-6)
PYID	685	Research Methodology in Pharmacy I	2 (2-0-4)
<b>For student holding a Master Degree in Clinical Pharmacy or other equivalent qualification</b>			
PYPY	642	Clinical Pharmacy Research Creation and Design	3 (3-0-6)
PYPY	643	Experimental and Molecular Therapeutics	3 (3-0-6)
<b>Elective Courses</b>			
GRID	603	Biostatistics	3 (3-0-6)
SCID	500	Cell and Molecular Biology	3 (3-0-6)
PYPY	623	Drug Use Evaluation	3 (3-0-6)
PYPY	627	Therapeutic Drug Monitoring	3 (3-0-6)
PYPY	644	Drug Information Service	3 (3-0-6)
PYPY	645	Intravenous Drug and Nutrient Admixture	3 (3-0-6)
PYPY	646	Applied Statistics for Pharmacy	2 (2-0-4)
PYPY	647	Advanced Pharmacotherapeutics	3 (3-0-6)
PYPY	650	Evidence-based Pharmacotherapy	2 (2-0-4)
PYPY	651	Population Pharmacokinetics and Pharmacogenetics	2 (2-0-4)
PYPY	652	Bioanalytical Methodology for Medicine	2 (2-0-4)
PYPY	653	Ambulatory Pharmaceutical Care	3 (2-3-5)
PYPY	685	Pharmacotherapeutics in Pediatrics	3 (2-3-5)

PYPY 689	Pharmacotherapeutics in Geriatrics	3 (2-3-5)
PYPY 695	Pharmacotherapeutics for Cardiovascular Diseases	3 (2-3-5)
PYPY 696	Pharmacotherapeutics for Infectious Diseases	3 (2-3-5)
PYPY 700	Pharmacotherapeutics for Cancer Diseases	3 (2-3-5)
PYPY 701	Pharmacotherapeutics for Neuropsychiatric Diseases	3 (2-3-5)
PYPY 702	Pharmacotherapeutics for Renal Diseases	3 (2-3-5)
PYPY 703	Pharmacovigilance	3 (3-0-6)
<b>Dissertation</b>		
<b>For student holding a Bachelor Degree in Pharmacy</b>		
PYID 799	Dissertation	48 (0-144-0)
<b>For student holding a Master Degree in Clinical Pharmacy or other equivalent qualification</b>		
PYID 699	Dissertation	36 (0-108-0)
<b>* These may be changed in cases where there are suggestions for the improvement of the curriculum</b>		

### **Additional information for applicants**

The course will start in Semester 1, Academic Year 2016.

(For more information please contact 02-345-3747)

### **Proposal / Concept Paper**

- Candidate must submit proposal / concept paper and present on the day of oral examination
- The proposal / concept paper should not be longer than 2 pages of A4 paper

### **Required Documents**

Applicants must upload all documents via online admission system. All documents must be in PDF format (maximum size 2 MB). Photograph must be in JPEG format

- 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)
- A letter certifying that an applicant is currently in the final year prior to graduation (for an applicant seeking for a degree)
- A detailed transcript of a degree (for an applicant with a degree completion)
- A grade report with course names and grades received from the first to the current semester prior to graduation
- A copy of identification card
- A copy of house registration certification
- The proposal / concept paper that is not longer than 2 pages of A4 paper
- A copy of Certificate of English proficiency : IELTS / TOEFL INTERNET BASED / TOEFL ITP
- A copy of proof of payment.

## Job option after graduation

1. Pharmacist who work on clinical research
2. Auditor pharmacist in clinical drug research, drug surveillance, and regulatory affairs
3. Expert pharmacist in research and academic service in clinical pharmacy area

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

### Clinical Pharmacy:

1. **Assoc.Prof. Pramote Tragulpiankit** (E-mail : [promote.trai@mahidol.ac.th](mailto:promote.trai@mahidol.ac.th))

Rajaratana Building, 3<sup>rd</sup> Floor , Department of Pharmacy, Faculty of Pharmacy.

Tel: 0 2644 8694

Fax: 0 2644 8694

2. **Lect. Dr. Krittika Tanyasaensook** (E-mail : [krittika.tan@mahidol.ac.th](mailto:krittika.tan@mahidol.ac.th))

Rajaratana Building, 3<sup>rd</sup> Floor , Department of Pharmacy, Faculty of Pharmacy.

Tel: 0 2644 8694

Fax: 0 2644 8694

### Program Coordinator

**Miss Phinnaphit Saengpao** (E-mail : [phinnaphit.sae@mahidol.ac.th](mailto:phinnaphit.sae@mahidol.ac.th))

Rajaratana Building, 3<sup>rd</sup> Floor , Department of Pharmacy, Faculty of Pharmacy.

Tel: 0 2644 8694

Fax: 0 2644 8694

**Mrs. Surunchana Kaewsatit** (E-mail : [pysks@mahidol.ac.th](mailto:pysks@mahidol.ac.th))

Thepparatana Building, 1<sup>th</sup> Floor , Graduate Education , Faculty of Pharmacy

Tel.0 2644 8678 Ext. 1131

**Note** 1. For more education information : [www.grad.mahidol.ac.th](http://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](mailto:gradthai@mahidol.ac.th)