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**Master of Science Pharmacy Program in Clinical Pharmacy (International Programme)**

หลักสูตร เกษศาสตรมหาบัณฑิต

สาขาวิชา เกษษกรรมคลินิก (หลักสูตรนานาชาติ)(ภาคปกติ)

**Faculty of Pharmacy**

คณะเภสัชศาสตร์

**Expected number of students to be accepted year round : 4 Students**

**Admission Requirements**

**candidates must :**

1. hold a Bachelor's degree in Pharmacy and meet the requirements set by the Faculty of Graduate Studies;
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. For Clinical Pharmacy course, candidate must obtain Pharmacy Council of Thailand or other Pharmacy License that the Programme Committee considers as equivalent;

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.)

<b><u>Third Round</u></b>	
<b>May 31, 2014</b>	
<b>Subjects for examination</b>	<b>Time</b>
1. English	8.30 - 11.30 a.m.
2. General Knowledge	11.30 - 12.30 p.m.
3. Clinical Pharmacy	1.30 - 4.30 p.m.
<b>Examination Place</b> Mahidol University , Salaya , Nakhonpathom more details : <a href="http://www.grad.mahidol.ac.th">www.grad.mahidol.ac.th</a> or Announcement at Faculty of Graduate Studies branches.	

## Curriculum Structure

	<b>Credit</b>
Required Courses	19
Elective Courses	6
Thesis	12

	<b>Credit</b>
<b>Required Courses</b>	
PYPY 668 Clinical Pharmacy and Clerkship I	3 (2-3-5)
PYPY 669 Clinical Pharmacy and Clerkship II	3 (2-3-5)
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)
PYPY 670 Special Problems in Clinical Pharmacy	3 (0-9-3)
PYID 685 Research Methodology in Pharmacy I	2 (2-0-4)
<b>Elective Courses</b>	
GRID 603 Biostatistics	3(3-0-6)
GRID 612 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)
<b>Thesis</b>	
PYID 698 Thesis	12(0-36)
* These may change in cases where there are suggestions for the improvement of the curriculum	

### Areas of study that a student may select for concentration:

- Adverse Drug Reaction
- Drug Utilization Evaluation
- Therapeutic Drug Monitoring
- Total Parenteral Nutrition
- Pharmacokinetics and Bioavailability
- Patient Counseling
- IV Admixture
- Drug Information Service
- Pharmaceutical Care Practice

### **Additional advantages of the programme**

The course emphasizes on clinical pharmacy skill which includes both research and practice. All staff are well trained and highly educated. Collaboration with Faculty of Medicine in research and practice is also included.

### **Proposal / Concept Paper**

- Field or area of interest, objective, conceptual framework and expected benefit of the research

### **Application Process**

Application is only available via online application at [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th)

### **Required Documents**

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

- Two (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 last semester 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 proof of payment.
- A copy of a medical license 2 copies
- A copy of a work experience certifying letter 2 copies

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. Hospital Pharmacist or Drugstore
2. Clinical Pharmacy Researcher
3. Pharmacist dealing with pharmaceutical products registration

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

1. **Assoc. Prof. Dr. Busba Chindavijak (E-mail : busba.chi@mahidol.ac.th)**

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

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

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**Program Coordinator**

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

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**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