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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 : 5 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. hold a Pharmacist License issued by The Pharmacy Council of Thailand
4. Submit a certificate of English proficiency with minimum admission score:
  - IELTS - at least 3 or
  - TOEFL INTERNET BASED - at least 32 or
  - TOEFL ITP (test arranged by Faculty of Graduate Study, Mahidol University) - at least 400 or
  - MU GRAD TEST(Computer based) - at least 36

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
5. For Clinical Pharmacy course, candidate must obtain Pharmacy Council of Thailand or other Pharmacy License that the Programme Committee considers as equivalent;
  6. 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>Subjects for examination</b>	<b>Time</b> (Morning session)
1. Clinical Pharmacy	9.00 - 12.00 a.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>	

### Curriculum Structure

	<b>Credit</b>
Required Courses	18
Elective Courses	6
Thesis	12

	<b>Credit</b>
<b>Required Courses</b>	
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 668 Clinical Pharmacy and Clerkship I	3 (2-3-5)
PYPY 669 Clinical Pharmacy and Clerkship II	3 (2-3-5)
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)
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(0-36-0)
* 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**

Applicants who pass the written examination will be invited to an interview. Proposal /concept paper must be submitted on the day of interview. The proposal includes 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**

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
- A copy of a medical license
- A copy of a work experience certifying letter
- A copy of Certificate of English proficiency :  
IELTS / TOEFL INTERNET BASED / TOEFL ITP / MU GRAD TEST(Computer based)
- A copy of proof of payment.

**Job option after graduation**

1. Clinical pharmacist working in hospital or drugstore
2. Clinical Research Associate
3. Pharmacist dealing with pharmaceutical products registration
4. Regulation pharmacist working in Bureau of Food and Drug Administration, Ministry of Public Health
5. Lecturer

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

**Miss Phinnaphit Saengpao** (E-mail : [phinnaphit.sae@mahidol.ac.th](mailto:phinnaphit.sae@mahidol.ac.th))  
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Tel: 0 2644 8694 Fax: 0 2644 8694

**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)**