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Doctor of Philosophy Program in Pharmacology (International Program)

หลักสูตร ปรัชญาดุษฎีบัณฑิต สาขาวิชา เภสัชวิทยา (นานาชาติ) (ภาคปกติ)

Faculty of Medicine, Siriraj Hospital Department of Pharmacology

คณะแพทยศาสตร์ศิริราชพยาบาล ภาควิชา เภสัชวิทยา

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

Admission Requirements

A candidate must:

1. Students must hold a Bachelor degree in Science, Dentistry, Medicine, Pharmaceutical science and Veterinary medicine, receive a cumulative GPA of at least 3.50 or
2. Student must hold a Master degree in Science, Pharmaceutical science, and Veterinary medicine, receive a cumulative GPA of at least 3.50
3. Have a TOEFL score of at least 500, TOEFL computer-based score of 173, TOEFL Internet-based score of 61, or IELTS score of 5

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.

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

Curriculum Structure

	Credit
For students with Bachelor's degree	
Required Courses	20
Elective Courses	4
Thesis	48
For students with Master's degree	
Required Courses	6
Elective Courses	6
Thesis	36

	credit
For students with Bachelor's degree	
Required Course	
SIPM 503 General Medical Pharmacology	2(2-0-4)
SIPM 502 Seminar in Pharmacology	2(2-0-4)
SIPM 504 Systemic Medical Pharmacology	4(4-0-8)
SIPM 600 Advanced Pharmacology	3(3-0-6)
SIPM 602 Experiment Methods in Pharmacology	3(0-6-3)
SIPM 603 New Drug Development I	3(3-0-6)
SIPM 604 New Drug Development II	3(3-0-6)
For students with Master's degree	
SIPM 603 New Drug Development I	3(3-0-6)
SIPM 604 New Drug Development II	3(3-0-6)
Elective Course	
SIBC 504 Biochemistry	4(4-0-8)
SIBC 512 Biochemistry Laboratory	3(0-6-3)
SIIM 612 Diagnostic Immunology	3(2-2-5)
SIMI 611 Molecular Techniques in Medical Microbiology	3(2-2-5)
SIMI 614 Vaccine Development and Clinical Trials	2(2-0-4)
Thesis	
SIPM 699 Dissertation	48/36(0-144/108-0)
* 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:

1. Clinical pharmacology, Pharmacokinetics, Epidemiology pharmacology
2. Immuno pharmacology
3. Antiinflammatory pharmacology
4. Molecular Pharmacology
5. Safety/efficacy/identity of herbal components
6. Animal models in pharmacology

Details of Scholarships

1. The Siriraj Graduate Scholarships.
2. The Siriraj Graduate Thesis Scholarships.

Additional advantages of the programme

1. The research environment in the department provide an opportunity for graduate student to conduct corresponding basic and clinical research.
2. Student will be trained to understanding question physiology and pathologic condition of diseases.
3. The facilities of the Department of Pharmacology and the core facilities of the Faculty of Medicine provide state of the art research in students for biomedical science.
4. A recently implemented program in new drug development provides a huge resource of biomedicines with accompanying clinical training opportunity. This is a collaborating project with EU which will be the first program in Asean community.
5. The Ph.D. candidates will be trained to raise logical research questions and conduct matching approaches to their working hypothesis.

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 :

- 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.

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. Scientist
2. Researcher

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

1. Assoc.Prof. Adisak Wongkajornsilp (E-mail : adisak.won@mahidol.ac.th)

Srisavarinthira Building, Floor 12, Department of Pharmacology,
Faculty of Medicine Siriraj Hospital.

Tel: 0 2419 8736 Fax: 0 2411 5026

2. Asst.Prof.Dr. Uraiwan Panich (E-mail : uraiwan.pan@mahidol.ac.th)

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Faculty of Medicine Siriraj Hospital.

Tel: 0 2419 8736 Fax: 0 2411 5026

Program Coordinator

Miss. Phattaraphorn Pumseenil (E-mail : phattaraphorn.pum@mahidol.ac.th)

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Faculty of Medicine Siriraj Hospital.

Tel: 0 2419 8736 Fax: 0 2411 5026

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

<p>For more Information please contact The Student Admissions Section. Tel . 0 2441 4125 ext. 208-210 , 0 2441 9129, E-mail : gradthai@mahidol.ac.th</p>
