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**Doctor of Philosophy Programme in Social, Economic and Administrative Pharmacy
(International Programme)**

หลักสูตร ปรัชญาดุษฎีบัณฑิต

สาขาวิชา เกษัชศาสตร์สังคม เศรษฐศาสตร์และการบริหาร
(หลักสูตรนานาชาติ)(ภาคปกติ)

Faculty of Pharmacy

คณะเภสัชศาสตร์

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

Admission Requirements

candidates must :

1. Have a Bachelor's degrees in Health Sciences, eg, Pharmacy, Medicine, and Dentistry, with a minimum GPA of 3.25;
2. Have a Master's degrees in Health Sciences, eg, Pharmacy, Medicine, Dentistry and Nursing, with a minimum GPA of 3.50;
3. If GPA is lower than required above in 1 and 2, the applicant should have experiences in drug-related management in either public or private sectors, or have publication (s) related to drug system,
4. Capable of English communication, ie. reading, speaking and writing;
5. 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 score 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 Master's degree	
Required Courses	10
Elective Courses	6
Thesis	36
For students with Bachelor's degree	
Required Courses	29
Elective Courses	6
Thesis	48

	Credit
For student with Master's degree	
Required Courses	
PYPY 636 Pharmacy and Health Policy	3(3-0-6)
PYPY 681 Healthcare Organization and Administration	3(3-0-6)
PYPY 684 Research Methodology in Social Science II	2(2-0-4)
PYPY 691 Seminar in Social, Economics and Administrative Pharmacy III	1(1-0-2)
PYPY 692 Seminar in Social, Economics and Administrative Pharmacy IV	1(1-0-2)
Elective Courses	
PYPY 622 Economic Performance Evaluation of Pharmaceutical Industry	3(3-0-6)
PYPY 671 Research Methodology in Social Science I	2(2-0-4)
PYPY 672 Social and Cultural Aspects of Health	2(2-0-4)
PYPY 673 Drug Policy Analysis	2(2-0-4)
PYPY 674 Drug System Management	2(2-0-4)
PYPY 675 Economic Evaluation in Public Health	3(3-0-6)
PYPY 676 Pharmacoepidemiology in Public Health	3(3-0-6)
PYPY 677 Health Outcome Assessment	3(3-0-6)
PYPY 678 Pharmaceutical Anthropology	3(3-0-6)
PYPY 679 Cost Analysis in Health Care	3(2-2-5)
PYPY 680 Hospital Pharmacy Administration and Practice	3(2-3-5)
PYPY 681 Healthcare Organization and Administration	3(3-0-6)
PYPY 683 Cost-Effectiveness Modelling in Health	3(3-0-6)

PYPY 686 Applied Statistics in Health and Social Science	3(3-0-6)
PYPY 687 Computer Applications in Health and Social Science Research	3(3-0-6)
PYPY 693 Special Problems in Social, Economics and Administrative Pharmacy	3(3-0-6)
PYPY 694 Cost-Effectiveness Analysis Alongside Clinical Trials and Observational Studies	3(3-0-6)
Thesis	
PYID 699 Dissertation	36(0-108-0)
For students with Bachelor's degree	
Required Courses	
GRID 603 Biostatistics	3(3-0-6)
PYPY 636 Pharmacy and Health Policy	3(3-0-6)
PYPY 671 Research Methodology in Social Science I	2(2-0-4)
PYPY 672 Social and Cultural Aspects of Health	2(2-0-4)
PYPY 673 Drug Policy Analysis	2(2-0-4)
PYPY 674 Drug System Management	2(2-0-4)
PYPY 675 Economic Evaluation in Public Health	3(3-0-6)
PYPY 676 Pharmacoepidemiology in Public Health	3(3-0-6)
PYPY 681 Healthcare Organization and Administration	3(3-0-6)
PYPY 684 Research Methodology in Social Science II	2(2-0-4)
PYPY 688 Seminar in Social, Economic and Administrative Pharmacy I	1(1-0-2)
PYPY 690 Seminar in Social, Economic and Administrative Pharmacy II	1(1-0-2)
PYPY 691 Seminar in Social, Economics and Administrative Pharmacy III	1(1-0-2)
PYPY 692 Seminar in Social, Economics and Administrative Pharmacy IV	1(1-0-2)
Elective Courses	
PYPY 622 Economic Performance Evaluation of Pharmaceutical Industry	3(3-0-6)
PYPY 677 Health Outcome Assessment	3(3-0-6)
PYPY 678 Pharmaceutical Anthropology	3(3-0-6)
PYPY 679 Cost Analysis in Health Care	3(2-2-5)
PYPY 680 Hospital Pharmacy Administration and Practice	3(2-3-5)
PYPY 683 Cost-Effectiveness Modelling in Health	3(3-0-6)
PYPY 686 Applied Statistics in Health and Social Science	3(3-0-6)
PYPY 687 Computer Applications in Health and Social Science Research	3(3-0-6)
PYPY 693 Special Problems in Social, Economics and Administrative Pharmacy	3(3-0-6)

PYPY 694 Cost-Effectiveness Analysis Alongside Clinical Trials and Observational Studies	3(3-0-6)
Thesis	
PYID 699 Dissertation	48(0-144-0)
* These may change in cases where there are suggestions for the improvement of the curriculum	

Additional information for applicants

The course will start in Semester 2, Academic Year 2013 on 4 November 2013.

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

Additional advantages of the programme

Expertise of faculty members in various fields of studies, with national and international recognition.

Proposal / Concept Paper

Need a written concept paper in the area of interest for future study and research.

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 :

- Four (2) recent photographs (1x1 inch in size)
- A copy of the applicant's degree certificate or a letter of graduation certification with certified English translations (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 copy of certified academic transcript or grade report with certified English translations (for an applicant with a degree completion) 2 copies
- A grade report with course names and grade received from the first to the current semester prior to graduation 2 copies
- A document explaining the GPA conversion to 4 point scale (in case of different point scale system) 2 copies
- A copy of identification card (for Thai applicants) 2 copies
- A copy of house registration certification (for Thai applicants) 2 copies
- Two (2) Letters of recommendation from universities and / or employers, mailed directly to the Faculty of Graduate studies 2 copies
- A curriculum vitae 2 copies

- A copy of a work experience certifying letter (if available) 2 copies
- Concept paper of research interest 2 copies
- English examination report 2 copies
- A copy of receipt of application fee. (for Thai applicants)

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. Researchers with high caliber in generating new knowledge relevant to drug-related system
2. development
3. Administrators in drug-related system, both public and private sectors.
4. Academia in drug-related system

**Further information may be obtained from the Director of Graduate Studies,
Social, Economic and Administrative Pharmacy:**

1. **Assoc. Prof. Dr. Arthorn Riewpaiboon (E-mail : arthorn.rie@mahidol.ac.th)**
Racharat Building, Floor 3, Department of Pharmacy, Faculty of Pharmacy,
447 Sri-Ayuthaya Road, Rajathevi, Bangkok, 10400 Thailand
Tel. 02-644-8677 ext 5745 Fax : 02-644-8694
081-8290578

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**