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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 : 10 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. 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
 - MU English proficiency tests, please contact the Language Center, Faculty of Graduate Studies. Tel. 0-2441-4125 ext. 221-222
6. 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

	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
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 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.

Details of Scholarships

Teaching and Research Assistant Grant (40% tuition fee and 20% research supply fee)

Application Process

Application is only available via online application at 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 the applicant's degree certificate or a letter of graduation certification with certified English translations (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 copy of certified academic transcript or grade report with certified English translations (for an applicant with a degree completion)
- A grade report with course names and grade received from the first to the current semester prior to graduation
- A document explaining the GPA conversion to 4 point scale (in case of different point scale system)
- A copy of identification card (for Thai applicants)
- A copy of house registration certification (for Thai applicants)
- Two (2) Letters of recommendation from universities and / or employers, mailed directly to the Faculty of Graduate studies
- A curriculum vitae
- A copy of a work experience certifying letter (if available)
- Concept paper of research interest
- A copy of Certificate of English proficiency : IELTS / TOEFL INTERNET BASED / TOEFL ITP
- A copy of receipt of application fee. (for Thai applicants)

Job option after graduation

1. University lecturer
2. Researcher / academic
3. Public health manager

**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)

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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**