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Doctor of Philosophy Programme in Health Technology Assessment (International Programme)

หลักสูตร ปรัชญาดุษฎีบัณฑิต สาขาวิชา การประเมินเทคโนโลยีด้านสุขภาพ (หลักสูตรนานาชาติ) (ภาคปกติ)

Faculty of Pharmacy, Faculty of Medicine Ramathibodi Hospital, Faculty of Medicine, Siriraj Hospital, Faculty of Public Health , Faculty of Social Sciences and Humanities, Institute for Population and Social Research & Faculty of Graduate Studies

คณะเภสัชศาสตร์, คณะแพทยศาสตร์โรงพยาบาลรามาธิบดี, คณะแพทยศาสตร์ศิริราชพยาบาล, คณะสาธารณสุขศาสตร์, คณะสังคมศาสตร์และมนุษยศาสตร์, สถาบันวิจัยประชากรและสังคม และบัณฑิตวิทยาลัย

Expected number of students to be accepted year round: 10 Students

Admission Requirements

A candidate must:

1. Plan A

- 1.1 hold a Master degree related to medical sciences or public health or economics from an office of the higher education commission (Thailand) accredited or recognized (International) institutes with a minimum grade point average (GPA) of 3.50.
- 1.2 has experience in teaching or be involved in academic related-work or working in health insurance system or conducting health technology assessment research for at least 2 years AND has at least 1 publication in the International journal (in which the applicant is the first or corresponding author)
- 1.3 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

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

2. Plan B

Plan B1

- 2.1 hold a Master degree related to medical sciences or public health or economics from an office of the higher education commission (Thailand) accredited or recognized (International) institutes with a minimum grade point average (GPA) of 3.50.
- 2.2 has experience in teaching or be involved in academic related-work or working in health insurance system or conducting health technology assessment research for at least 2 years.
- 2.3 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

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

Plan B2

- 3.1 hold a Bachelor degree related to medical sciences or public health or economics from an office of the higher education commission (Thailand) accredited or recognized (International) institutes with a minimum grade point average (GPA) of 3.50 or with the first class honor.
- 3.2 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

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
- 3.3 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

	Plan A	Plan B1	Plan B2
Required Courses	-	7	18
Elective Courses	-	5	6
Thesis	48	36	48
Total	48	48	72

Credit

Required Courses

Plan B1

For students with Master's degree

GRHA 675 Health Technology and Social Impact	3(3-0-6)
GRHA 676 Effectiveness and Efficiency of Health Technology	3(3-0-6)
GRHA 677 Seminar in Health Technology Assessment II	1(1-0-2)

Plan B2

For students with Bachelor's degree

GRHA 620 Economic Evaluation for Health Technology Assessment	3(3-0-6)
GRHA 621 Research Methodology for Health Technology Assessment	2(2-0-4)
GRHA 622 Statistic Method and Evidence-based Medicine for Health Technology Assessment	2(2-0-4)
GRHA 623 Principle and Concept of Health Technology Assessment	2(2-0-4)
GRHA 624 Principle and Concept of Health Policy and Health Systems	2(2-0-4)
GRHA 675 Health Technology and Social Impact	3(3-0-6)
GRHA 676 Effectiveness and Efficiency of Health Technology	3(3-0-6)
GRHA 677 Seminar in Health Technology Assessment II	1(1-0-2)

Elective Courses

Recommended courses for Health technology assessment focusing on effectiveness and safety aspect

PYPY 677 Health Outcome Assessment	3(3-0-6)
RACE 614 Medical Informatics and Database Management	2(1-2-3)
RACE 616 Advanced Analysis in Medical Research	3(1-4-4)
RACE 618 Systematic Review and Meta Analysis	2(1-2-3)
PHBS 629 Advanced Biostatistics Methods in Public Health	3(3-0-6)

Recommended courses for Health technology assessment focusing on economic aspect

PYPY 679 Cost Analysis in Health Care	3(2-2-5)
PYPY 683 Cost-Effectiveness Modelling in Health	3(3-0-6)
PYPY 694 Cost-Effectiveness Analysis Alongside Clinical Trials and Observational Studies	3(3-0-6)
PHEP 601 Introduction to Diseases Modeling and its Application	2(1-2-3)
PHAD 605 Applied Health Economics	3(3-0-6)
GRHA 628 Principle of Economic for Health Technology Assessment	2(2-0-4)

Recommended courses for Health technology assessment focusing on social ethical equity laws and policy aspect

PRRH 639 Global Health Policy	3(3-0-6)
PRDE 680 Qualitative Research Methodology	3(2-2-5)
PHAD 678 Health Policy Formulation, Implementation, and Evaluation	2(1-2-3)
SHSH 604 Evaluation Research in Health	3(3-0-6)
SHSH 606 From Research to Action in Health Development	3(3-0-6)
SHSH 608 Health Policy and Health System Research	3(3-0-6)
GRHA 626 Priority Setting in Universal Health Coverage	2(2-0-4)
GRHA 627 International Health Care System and Finance	2(2-0-4)
GRHA 629 Ethics and Equity in Health Technology Assessment	2(2-0-4)
GRHA 630 International Trade and Laws for Health Technology Assessment	2(2-0-4)
GRHA 631 Social Impact Assessment of Health Technology	2(2-0-4)

Thesis

Plan A

GRHA 898 Dissertation	48(0-144-0)
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Plan B

For students with Master's degree

GRHA 699 Dissertation	36(0-108-0)
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For students with Bachelor's degree

GRHA 799 Dissertation	48(0-144-0)
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* These may change in cases where there are suggestions for the improvement of the curriculum

Additional advantages of the programme

The program receives collaboration from several distinguished faculties of Mahidol University, internationally-renown experts, and several HTA organizations and network such as Health Intervention and Technology Assessment Program (HITAP), HTAsiaLink, International Decision Support Initiative (iDSI), National Institute for Health and Care Excellence (NICE), Priority Cost Effective lessons for Systems Strengthening (PRICELESS).

Details of Scholarships

Four full scholarships from Mahidol University will be provided to 3 students from low and middle income counties plus one student from Thailand.

Proposal/Concept Paper

The proposal or concept paper should be related to the research work which the students plan to do for their thesis.

Additional information for applicants

Qualification of applicants who apply for the scholarships

1. Applicants from low middle income countries(LMICs) who pursue master of PhD in health technology assessment (HTA) program at Mahidol University
2. Applicants who currently work under institute where provides evidence to support policy decision makers in LMICs, HTA research institute, or academic institution
3. Applicants who receive the permission from their institutes to apply and pursue their postgraduate study at Mahidol University
4. Applicants who have background/experiences related to HTA or health care policy decision making and must conduct HTA research that is relevant to priority setting in LMICs as their thesis.

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 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 Certificate of English proficiency : IELTS / TOEFL INTERNET BASED / TOEFL ITP
- A copy of proof of payment.

Job option after graduation

1. Researcher with high competent in health technology assessment
2. Academic expert in health technology assessment

Further information may be obtained from the Director of Health Technology Assessment ,

1. Assoc. Prof. Usa Chaikledkaew (E-mail : usa.chi@mahidol.ac.th)

Racharat Building, Floor 3, Department of Pharmacy, Faculty of Pharmacy,

Tel 089-7607685 Fax: 02-6448694

2. Assoc. Prof. Ammarin Thakkinstian (E-mail : ammarin.tha@mahidol.ac.th)

Medical learning resource center and Ramathibodi School of Nursing Building,

8 Floor, Department of Section for Clinical Epidemiology and Biostatistics,

Faculty of Medicine Ramathibodi Hospital

Tel 02-2011762 Fax : 02-2011284

Program Coordinator

Mrs. Surunchana Kaewsatit (E-mail : surunchana.kae@mahidol.ac.th)

Thepparatana Building, 1th Floor , Graduate Education , Faculty of Pharmacy

Tel.0 2644 8678-81,85 Ext. 1131

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**