

Admission Number

5	9	0	1	M	G	0	0
---	---	---	---	---	---	---	---

Master of Science Program in Medical Epidemiology (International Programme)

หลักสูตร วิทยาศาสตร์มหาบัณฑิต สาขาวิชา วิทยาการระบาดทางการแพทย์ (หลักสูตรนานาชาติ) (ภาคปกติ)

Faculty of Medicine Ramathibodi Hospital, Faculty of Public Health and Faculty of Tropical Medicine

คณะแพทยศาสตร์โรงพยาบาลรามาธิบดี, คณะสาธารณสุขศาสตร์ และคณะเวชศาสตร์เขตร้อน

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

Admission Requirements

A candidate must:

1. Candidate must hold a Bachelor's degree in degree of Doctor of Medicine, Doctor of Dental Surgery or Bachelor of Pharmacy.
2. have a grade point average of at least 2.50
3. have a TOEFL score of at least 480, TOEFL computer-based score of 157, TOEFL Internet-based score of 54, or IELTS score of 4.5

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.

4. In case your qualification does not match to the admission criteria, candidates must prior attach A "Requesting Form for Examination" approved by the program director. The form must be submitted before making the application. Kindly download here:

http://www.grad.mahidol.ac.th/grad/admission/form_th.php

Exceptions to the above mentioned conditions can be made only by the Programme Graduate Administrative Committee and the Dean of the Faculty of Graduate Studies, Mahidol University

Written Examination (Applicants must attend the examination date accurately to your admission round.)

<u>First Round</u> January 17, 2015		<u>Second Round</u> May 16, 2015	
Subjects for examination	Time	Subjects for examination	Time
1. English	8.30 - 11.30 a.m.	1. English	8.30 - 11.30 a.m.
2. General Knowledge	11.30 - 12.30 p.m.	2. General Knowledge	11.30 - 12.30 p.m.
Examination Place Mahidol University , Salaya , Nakhonpathom more details : www.grad.mahidol.ac.th or Announcement at Faculty of Graduate Studies branches.			

Curriculum Structure

	Credit
Core Courses	10
Required Courses	10
Elective Courses no less than	4
Thesis	12

	Credit
Core Courses	
RACE 615 Introduction to Medical Statistics	3(1-4-4)
RACE 612 Study Designs and Measurements	3(2-2-5)
RACE 603 Research Protocol Design	2(1-2-3)
RACE 614 Medical Informatics and Database Management	2(1-2-3)
Required Courses	
Major Clinical Epidemiology	
RACE 611 Clinical Epidemiology and Evidence-Based Medicine	3(3-0-6)
RACE 616 Advanced Analysis in Medical Research	3(1-4-4)
RACE 607 Clinical Economics	2(1-2-3)
RACE 608 Social Science in Clinical Practice and Research	2(2-0-4)
Major Community Epidemiology	
PHEP 617 Community Epidemiology	2(1-2-3)
TMHG 516 Application of Geographical Information System(GIS) in Epidemiology of Tropical Diseases	2(1-2-3)
TMHG 517 Statistical Methods in Spatial Epidemiology	2(1-2-3)
PHEP 601 Mathematical modeling of infectious diseases	2(1-2-3)
PHEP 695 Seminar in Program Planning and Evaluation in Epidemiology	2(1-2-3)
Elective Courses	
PHEP 603 Epidemiology Methods in Infectious Diseases	3(3-0-6)
PHEP 607 Epidemiology of Chronic Diseases	3(3-0-6)
PHEP 610 Social epidemiology	3(3-0-6)
PHEP 618 Systematic Review & Meta analysis	2(1-2-3)
PHEP 617 Randomized Controlled Trial	2(1-2-3)
Thesis	
PHEP 698 Thesis	12(0-48-0)
or	
TMHG 698 Thesis	12(0-48-0)
or	
RACE 698 Thesis	12(0-48-0)
* These may change in cases where there are suggestions for the improvement of the curriculum	

Additional information for applicants

- Brief Proposal 3 - 5 pages
- 2 commendation letter
- CV.

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 final year 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 Certificate of English score: TOEFL/IELTS/MU-Test (if any). See detail here: http://www.grad.mahidol.ac.th/grad/academicinfo/engstandard2553_th.php 2 copies
Those who early submit a valid English score prior to the examination will be exempt from English test on the examination date.
- 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. Lecturer in Public Health Epidemiology and Evidence-Based Medicine
2. Academician and consultant of research project
3. Analyst of information system, health and public health policy
4. Other related field of career

Further information may be obtained from the Secretary of Molecular Medicine :

1. **Asst.Prof.Dr. Chusak Okascharoen** (E-mail : chusak.oka@mahidol.ac.th)
Research Center Building, Floor 3,
Section For Clinical Epidemiology and Biostatistics, Faculty of Ramathibodi Hospital.
Tel. : 0 2201 2684 Fax. : 0 2201 1284
2. **Dr. Sasivimol Rattanasiri** (E-mail : sasivimol.rat@mahidol.ac.th)
Room 350, Research Center Building, Floor 3,
Section For Clinical Epidemiology and Biostatistics, Faculty of Ramathibodi Hospital.
Tel. : 0 2201 2808 Fax. : 0 2201 1284

Program Coordinator

Miss. Paneevon Palakawong Na Ayuthaya (E-mail : paneevon.pal@mahidol.ac.th)
Room 350, Research Center Building, Floor 3,
Section For Clinical Epidemiology and Biostatistics, Faculty of Ramathibodi Hospital.
Tel. : 0 2201 0832 ,0 2201 2684 Fax. : 0 2201 1284

Notes 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**

Research Outline
By ...

Project Title

Research Question

Background to the Research Question

Literature Review – (relevant literature currently identified)

Methodology

Study design

Population

Inclusion criteria

Exclusion criteria

Data collection and management

Quality control

Process / Procedure for study

Results – (expected handling of results)

Outcome Measures

Analysis of Results - (methods to be used)

Provisional Plan of Work

Expected Benefits