

Admission Number

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**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. 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 or
  - MU GRAD TEST(Computer based) - at least 36

**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](http://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
4. 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
Core Courses	10
Required Courses	10
Elective Courses no less than	4
Thesis	12

	Credit
<b>Core Courses</b>	
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)
<b>Required Courses</b>	
<b>Major Clinical Epidemiology</b>	
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)
<b>Major Community Epidemiology</b>	
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)
<b>Elective Courses</b>	
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)
<b>Thesis</b>	
PHEP 698 Thesis	12(0-48-0)
<b>or</b>	
TMHG 698 Thesis	12(0-48-0)
<b>or</b>	
RACE 698 Thesis	12(0-48-0)
<b>* These may change in cases where there are suggestions for the improvement of the curriculum</b>	

**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](http://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 / MU GRAD TEST (Computer based)
- A copy of proof of payment.

**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](mailto:chusak.oka@mahidol.ac.th))  
Research Center Building, Floor 3,  
Section For Clinical Epidemiology and Biostatistics, Faculty of Ramathibodi Hospital.  
Tel. : 0 2201 0832 Fax. : 0 2201 1284

**2. Asst.Prof.Dr. Sasivimol Rattanasiri** (E-mail : [sasivimol.rat@mahidol.ac.th](mailto: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](mailto: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](http://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](mailto: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**