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Doctor of Philosophy Program in Clinical Epidemiology (International Program)

หลักสูตร ปรัชญาดุษฎีบัณฑิต

สาขาวิชา วิทยาการระบาดคลินิก (หลักสูตรนานาชาติ) (ภาคปกติ)

Faculty of Medicine Ramathibodi Hospital and Faculty of Graduate Studies, Mahidol University

คณะแพทยศาสตร์โรงพยาบาลรามาธิบดี และ บัณฑิตวิทยาลัย มหาวิทยาลัยมหิดล

Expected number of students to be accepted year round : 5 Students

## Admission Requirements

### 1. Plan 1 (Research only)

- 1.1 Hold a Bachelor's degree of Medicine and Master's degree in Epidemiology or Biostatistics.  
Candidate has taken and passed course work and thesis at the Master's degree level.
  - 1.2 Have GPA no less than 3.50
  - 1.3 Have been worked as lecturer or consultant in Clinical Epidemiology no less than 3 years.
  - 1.4 Has at least 3 publications in international biomedical journals which were indexed by MEDLINE.
  - 1.5 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](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
- 1.6 Exemption from the above conditions may be granted by the Programme Committee under exceptional circumstances.

### 2. Plan 2 (Course work and Research)

- 2.1 Hold a Bachelor's degree of Medicine
  - 2.2 Have GPA no less than 3.50.
  - 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.

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2.4 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
<b>Plan 1 Research only</b>	
Dissertation	48
<b>Plan 2 Course work and Research</b>	
Required courses	20
Elective courses no less than	4
Dissertation	48

	Credit
<b>Required Courses</b>	
RACE 611 Clinical Epidemiology and Evidence-Based Medicine	3(3-0-6)
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)
RACE 615 Introduction to Medical Statistics	3(1-4-4)
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>Elective Courses</b>	
RACE 617 Randomized Controlled Trial	2(1-2-3)
RACE 618 Systematic Review & Meta Analysis	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)

## **Thesis**

### **For Master's degree**

RACE 898 Dissertation

48(0-192-0)

### **For Bachelor's degree**

RACE 799 Dissertation

48(0-192-0)

**\* These may change in cases where there are suggestions for the improvement the curriculum**

## **Additional advantages of the programme**

To integrate clinical epidemiology, biostatistics, clinical economics, and clinical researches to patients' care.

## **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.

- Brief proposal 3 - 5 pages
- Curriculum Vitae
- Recommendation letter : 2 or more letters of reference should be from your supervisor or your superior.
- A recent photograph (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.

### **Proposal / Concept Paper**

1. Brief Proposal 3-5 pages
  - Background & Rationale
  - Objectives - Primary, secondary obj.
  - Method.
2. Curriculum Vitae
3. Recommendation letter : 2

### **Job option after graduation**

- Lecturer
- Researcher

**Further information may be obtained from the Director of Graduate Studies,  
Clinical Epidemiology :**

1. **Assoc.Prof.Dr. Ammarin Thakkinstian** (E-mail : [ammarin.tha@mahidol.ac.th](mailto:ammarin.tha@mahidol.ac.th))  
Room 350, Research Centre Building, Floor 3,  
Section For Clinical Epidemiology and Biostatistics, Faculty of Ramathibodi Hospital.  
Tel. : 0 2201 0832 Fax. : 0 2201 1284

2. **Assoc.Prof.Dr. Atiporn Ingsathit** (E-mail : [atiporn.ing@mahidol.ac.th](mailto:atiporn.ing@mahidol.ac.th))  
Room 350, Research Centre Building, Floor 3,  
Section For Clinical Epidemiology and Biostatistics, Faculty of Ramathibodi Hospital.  
Tel. : 0 2201 0832 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 Centre Building, Floor 3,  
Section For Clinical Epidemiology and Biostatistics, Faculty of Ramathibodi Hospital.  
Tel. : 0 2201 0832 Fax. : 0 2201 1284

**Note** 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)**