



Master of Science Program in Medical Epidemiology International English Program

1. Program Title

Master of Science Program in Medical Epidemiology

2. Name of Degree

- a. Full name: Master of Science (Medical Epidemiology)
- b. Abbreviation: M.Sc. (Medical Epidemiology)

3. Responsible Unit

- a. Section for Clinical Epidemiology & Biostatistics, Research Centre, Faculty of Medicine, Ramathibodi Hospital, Mahidol University
- b. Faculty of Graduate Studies, Mahidol University

4. The Program's Philosophy and Objectives

Program Philosophy

The Master of Science program in Medical Epidemiology will prepare students to integrate medical epidemiology, biostatistics, medical economics, and medical research with patient care. The Program will focus on a critical evaluation of diagnostics, prevention and management, which are the basic principles of evidence-based medicine. It will provide students with a broad perspective and advanced skills for in-depth exploration of research methodology. Students will be challenged to create innovative research and evaluation methods, which will lead to not only an improved understanding of health and disease, but ultimately toward an overall contribution to enhanced health service systems as well.

Program Objectives

- a. Appropriately teach, advise and disseminate the principles of Medical Epidemiology while enthusiastically aspiring to help in the reduction of the world disease burden.
- b. Encourage and effectively integrate Medical Epidemiology and Evidence-based Medicine into the everyday practice of individual patient care as well as the broader based health care systems.
- c. Produce good medical research using Medical Epidemiology tools, while further advancing ongoing medical education of the highest ethical standards in Medical Epidemiology.

5. Admission Requirements

- Candidate must hold an undergraduate degree in medicine or in a similar health care field.


- Candidate must have at least 2-3 years of clinical experience with patients.

(Exceptions to these requirements will be made by the Program Committee and the Dean of the Faculty of Graduate Studies.)

6. Application Procedure:

This is the application procedure:

1) Please send us e-copies of the following:

- Your curriculum vitae
- Your academic certificates and transcripts
- Copies of certificates of international examinations in English IELTS/TOEFL which you have taken
- Brief outline of your proposed research preferably using our template : 
- At least two reference letters
- Details of any publications in international journals in English
- Details of any research experience which you have

You do not need to wait until you have all of these. You can send them as they become available. If any of the above do not apply to you, please inform us.

2) Please go to the Faculty of Graduate Studies website <http://www.grad.mahidol.ac.th/en/> to read general information about application and then go to <http://www.grad.mahidol.ac.th/en/prospective-students/view.php?id=5901M01G> to read about our program and then proceed to online application <http://www.grad.mahidol.ac.th/en/prospective-students/> for which you will need to send hard copies to the Faculty of Graduate Studies. Please apply on-line as soon as possible. There will be a small fee for application. Please be careful to choose our program during application - International M.Sc. in Medical Epidemiology at the Faculty of Medicine Ramathibodi Hospital program code 2224DG00. Please inform us promptly if you experience any problems with the online application process. If online application does not work for you, please use document application. <link>

3) After review of your documents we arrange interview in person for local applicants or by Skype, so please let us have your Skype id, if you are not a local applicant.

7. Selection Method

This is the process:

- 1) Selection committee review applicant's information.
- 2) Selection committee select applicants for interview.
- 3) Interview in person or by Skype.
- 4) Notification of result

- Accept / Accept with conditions: Applicant receives a formal acceptance from the Faculty of Graduate Studies which they accept or deny.
- Pending: Applicant is still under consideration and a decision will be informed as soon as possible.
- Reject: Applicant is not accepted at this time, but may re-apply in the future.

8. Academic System

Semester system

Academic credits:

The number of academic credits assigned to each subject is as follows:

- Lecture or discussion periods totaling 15 hours per semester - 1 Credit
- Laboratory or practice periods totaling 30 hours per semester - 1 Credit
- Dissertation preparation totaling 45 hours per semester - 1 credit.

9. Language

English will be used for instruction, written assignments, as well as the writing of dissertation and manuscript.

10. Duration of Study

Completion of study must take no more than 5 academic years.

11. Registration

- Candidates are enrolled to the following:
- Coursework which takes about one year full time
- Research study which requires two to three days full time per week throughout

12. Evaluation and Graduation Requirements

Evaluation

Student evaluations are in accordance with the rules and regulations of Mahidol University. (See details: www.grad.mahidol.ac.th)

Graduation Requirements (See details: <http://www.grad.mahidol.ac.th/en/prospective-students/general-information.php>)

Students must meet the following requirements:

- Pass an English proficiency Examination with a TOEFL score of at least 480 (paper based) or 157 (computer based) or 54 (internet based) or achieve an IELTS band level of at least 4.5.
- Complete course work with at least 24 credits with GPA not less than 3.00.

- Complete a written dissertation and pass the oral defense required for graduation according to the regulations of the Faculty of Graduate Studies, Mahidol University.
- Publish at least one manuscripts related to his or her dissertation in an internationally peer-reviewed journal