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Master of Science Programme in Medical Microbiology (International Programme)

หลักสูตร วิทยาศาสตร์มหาบัณฑิต

สาขาวิชา จุลชีววิทยาการแพทย์ (หลักสูตรนานาชาติ) (ภาคปกติ)

Faculty of Medicine, Siriraj Hospital

Department of Microbiology

คณะแพทยศาสตร์ศิริราชพยาบาล

ภาควิชา จุลชีววิทยา

Number of students accepted 5 persons

Admission Requirements**A candidate must:**

1. hold or be pursuing a Bachelor's degree (in the last semester) in Microbiology, Biology, Biochemistry, Botany, Genetics, Biotechnology, Medical Technology, Pharmacy, Dentistry, Veterinary Medicine, Public Health and Medicine or other related field from an institution recognized by Mahidol University;
2. have a grade point average of at least 2.50 or 75% (candidates with a lower GPA may be eligible with the permission of the Graduate Committee);
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.

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

Written Examination

Test date		Subjects for examination	Time	Place
for section 1	for section 2 *			
December, 17, 2011	March, 17, 2012	1. English	8.30 - 11.30 a.m.	Mahidol University , Salaya , Nakhonpathom more details : www.grad.mahidol.ac.th or at every Graduate Studie offices.
		2. General Knowledge	11.30 - 12.30 p.m.	
	* Only certain fields	3. Biochemistry	} 1.30 - 3.30 p.m.	
		4. Microbiology		

Curriculum Structure

	Credits
Required Courses	13
Elective Courses no less than	11
Thesis	12

Required Courses	Credits
SIMI 512 Medical Bacteriology and Mycology	3(3-0-6)
SIMI 513 Medical Virology	2(2-0-4)
SIMI 616 Diagnostic Microbiology	3(1-6-5)
SIMI 617 Advanced Medical Bacteriology and Mycology	3(3-0-6)
SIMI 613 Advanced Medical Virology	3(3-0-6)
SIMI 687 Microbiology Seminar	2(2-0-4)
Elective courses	
GRID 612 Cell and Molecular Biology	3(3-0-6)
SIBC 504 Biochemistry	4(4-0-8)
SIIM 501 Immunology	2(2-0-4)
SIMI 611 Molecular Techniques in Medical Microbiology	3(2-3-5)
SIMI 615 Fundamental of Diagnostic Microbiology	1(1-0-2)
Thesis	
SIMI 698 Thesis	12(0-36-0)
* These may change in cases where there are suggestions for the improvement of the curriculum	

Additional advantages of the programme

1. Molecular technology research of Thailand's most concerned infectious diseases, emerging infectious diseases and antimicrobial resistance
2. Every graduate from the program are proficient to work in field of medical sciences and are in high demand in the job market.

Details of scholarships

1. Siriraj Graduate Scholarship
2. Siriraj Graduate Thesis Scholarship
3. Research Grants
4. Thailand Research Fund for Senior Research Scholarship

Application Process

Application is only available via online application at www.grad.mahidol.ac.th

Required Documents

Prepare the following required documents:

- Four (4) 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 last semester 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 proof of payment.

The required documents mentioned above can be uploaded to our website (*jpeg, gif, jpg, png, pdf*). All documents must be no larger than 2 MB. You may also submit these required documents by post.

Job option after graduation

1. Researcher
2. Lecturer
3. Project analysis, Project coordinator

Further information may be obtained from the Director of Graduate Studies, Medical Microbiology :

1. **Prof. Dr. Ruengpung Suthent (Email : sirst@mahidol.ac.th)**
Microbiology Building, Floor 5,
Department of Microbiology, Faculty of Medicine, Siriraj Hospital
Tel: 0 2419 7463 Fax: 0 2418 4148
2. **Assoc. Prof. Dr. Wannee Kantakamulakul (Email : siwkk@mahidol.ac.th)**
Microbiology Building, Floor 6,
Department of Microbiology, Faculty of Medicine, Siriraj Hospital
Tel: 0 2419 8296 Fax: 0 2411 3106
3. **Lect. Dr. Iyarit thaipisuttikul (Email : siits@mahidol.ac.th)**
Microbiology Building, Floor 4,
Department of Microbiology, Faculty of Medicine, Siriraj Hospital
Tel: 0 2419 9870 Fax: 0 2411 3106

- Notes**
1. The programme of Medical Microbiology requires students to study the pre - requisite course:
 - GRID 612 Cell and Molecular Biology 3 Credits
 2. For more education information : <http://www.grad.mahidol.ac.th>

**For more Information please contact The Student Admissions Section.
Tel . 0 2441 4125 ext. 208-210 , 0 2441 9129**