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Doctor of Philosophy Programme in Public Health Microbiology (International Program)

หลักสูตร ปรัชญาดุษฎีบัณฑิต

สาขาวิชา จุลชีววิทยาสาธารณสุข (หลักสูตรนานาชาติ) (ภาคปกติ)

Faculty of Public Health

คณะสาธารณสุขศาสตร์

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

Admission Requirements

Candidates in the doctoral programme in Public Health Microbiology must have the following qualifications :

1. Hold a Bachelor's degree of Science in Public Health, Microbiology, Biology, Nursing Science, Medical Technology, Pharmacology, Agriculture, or related to Biology or Health Science, or Bachelor's degree of Public Health, Nurse, or Doctor of Medicine, Dentistry, and Veterinary Medicine with grade point average not less than 3.5.
2. Hold a Master's degree of Science in Public Health, or other Master's degrees of Science, or other Master's degrees that are related to Biology or Health Science with grade point average not less than 3.5 or
3. Study in Program Infectious Diseases and Epidemiology Program (Microbiology) and Would like to pursue further in this program, they must have taken at least 2/3 of total credits in required courses with grade points average not less than 3.5 and an approval of Administration Program Committee of Infectious Diseases and Epidemiology (M.Sc. in Public Health), Public Health Microbiology (Ph.D.), and the Dean of the Faculty of Graduate Studies
4. have a TOEFL score of at least 500, TOEFL computer-based score of 173, TOEFL Internet-based score of 61, or IELTS score of 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 form the above conditions may be granted by the Program Committee and the Dean of the Faculty of Graduate Studies. Under exceptional Circumstances.

Curriculum Structure

	Credit
For students with Master's Degree	
Required courses	9
Elective courses	3
Dissertation	36
For students with Bachelor Degree	
Required courses	9
Elective courses	15
Dissertation	48

	Credit
Required courses	
PHMI 624 Advanced Public health Microbiology	3(3-0-6)
PHMI 631 Advanced Research Seminar in Public Health Microbiology	2(2-0-4)
PHMI 633 Special Topics in Public Health Microbiology	2(2-0-4)
PHMI 637 Microbiological Risk Assessment and Management	2(2-0-4)
Elective courses	
PHMI 634 Advanced Food Microbiology in Public health	3(3-0-6)
PHMI 635 Biosafety and Bioethics	2(2-0-4)
PHMI 636 Microbial Transformation of Organic Compounds	2(2-0-4)
Dissertation	
PHMI 699 Dissertation	48/36(0-144/108)
* These may change in cases where there are suggestions for the improvement of the curriculum	

Additional information for applicants

The course will start in Semester 2, Academic Year 2013 on 4 November 2013.

Additional advantages of the programme

- The programme of microbiological public health provides not only deep but also wide knowledge regarding controlling and solving problems of micro-organisms and the environment systematically. Students will be able to use biological technology in the community. They will be able to create innovations and research in microbiological public health to develop human beings' quality of life. Moreover, students will learn useful communication and information technology skills. Their leadership and teamwork will be improved. Finally, they will do ethical work and research.

Details of Scholarships

- Grants will be announced later.

Job option after graduation

- to work in government or private sectors of national or international organizations.
- to work as an expert, researcher, or a lecturer in a university or in other institutes such as the Ministry of Public Health, the Ministry of Science and Technology, the Ministry of Agriculture and Cooperatives, the Ministry of Industry, the Ministry of Interior, Bangkok Metropolitan Administration, Institute of Nutrition, food factory, cosmetic factory, wastewater treat factory, WHO, UNICEF, FAO, and etc.

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 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.

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)

Further information may be obtained from the Director of Graduate Studies, Public Health Microbiology.

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Program Coordinator

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Note 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**