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

**Faculty of Public Health**

**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 ITP score of at least 500, TOEFL Internet-based score of 61 or IELTS score of 5 .

Exceptions from the above conditions may be granted by the Programme Committee and the Dean of Faculty of Graduate Studies;

**Curriculum Structure**

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

	<b>Credit</b>
<b>Required courses</b>	
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)
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\* These may change in cases where there are suggestions for the improvement of the curriculum

### 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](http://www.grad.mahidol.ac.th)

### Required Documents

Prepare the following required documents to submit via online admission system or post:

1. Completed an Online Application at [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th) which comprised with
  - Form A** : Application Form
  - Form B** : Background and Proposed Field of Study
  - Form C** : Recommendation Forms (directly submitted by at least 2 referees)
2. Two copies of Degree Certificate (with officially certified English translation)
3. Two copies of Academic Transcript (with officially certified English translation)
4. Two copies of Recent Photos (Passport size)
5. Two copies of Passport
6. Two copies of English certificate (TOEFL/ IELTS/ MU-Grad Test)

#### (For Doctoral Program)

- TOEFL ITP score of at least 500, TOEFL Internet-based score of 61, or IELTS score of 5

#### (For Master's Program)

- TOEFL ITP score of at least 480, TOEFL Internet-based score of 54, IELTS score of 5 or MU GRAD TEST score of 60.

### Notes

- Only accept TOEFL ITP score from examination center arranged by Faculty of Graduate Studies, Mahidol University.
  - TOEFL ITP taken from other domestic and overseas institutes are invalid.
  - The test date must be within previous 2 years before application date
  - Applicant who obtained a valid English score must submit an **official score certificate** along with your application. Otherwise, your English score will not be considered.
  - Detail of English Competency Standard for Admission:  
<http://www.grad.mahidol.ac.th/en/current-students/language-center.php>
7. Two copies of Curriculum Vitae
  8. Two copies of Statement of Purposes and Career Goals
  9. Two copies of Current bank statement / Scholarship letter (if any)
  10. Two copies of Concept paper / research proposal (recommended for all applicants)
  11. Two copies of additional documents may be requested by each program (such as letter of work experience / professional license/ related certificates and awards)

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](http://www.grad.mahidol.ac.th)

**For more Information please contact The Student Admission Section.  
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