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Doctor of Philosophy Program in Environmental Technology (International Program)

หลักสูตร ปรัชญาดุษฎีบัณฑิต

สาขาวิชา เทคโนโลยีสิ่งแวดล้อม (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 program in Environmental Technology must have the following qualifications:

1. Hold a Master's degree in science in any of the following fields : Environmental Technology, Chemistry, Microbiology, Biology, Botany, Public Health, Environment, Health Sciences, Occupational Health, Physics, Industrial Chemistry, Biotechnology, and Rural Technology; or a Master's degree of Engineering any of the following types: Environmental, Water Resource, Civil, Chemical, Textile, Industrial, or Mechanical Engineering with a grade point average of at least 3.5; or
2. Hold a Bachelor degree in science in any of the following fields : Environmental Technology, Chemistry, Microbiology, Biology, Botany, Public Health, Environment, Health Sciences, Occupational Health, Physics, Mathematics, Industrial Chemistry, Biotechnology, and Rural Technology; or a Bachelor degree of Engineering of any of the following types: Environmental, Water Resource, Civil, Chemical, Textile, Industrial, or Mechanical Engineering with a grade point average of at least 3.5 .
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.
 - MU English Competence Standards: 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
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
For students with Master's Degree	
Required courses	9
Elective courses no less than	3
Dissertation	36
For students with Bachelor Degree	
Required courses	18
Elective courses no less than	6
Dissertation	48
	Credit
Required courses	
For students with Master's Degree	
PHSE 568 Research Design in Environmental Technology	3(3-0-6)
PHSE 569 Doctoral Seminar in Environmental Technology	1(1-0-2)
PHSE 625 Environmental Technology and Development	3(3-0-6)
PHSE 626 Advanced Environmental and Health Risk Assessment	2(2-0-4)
For students with Bachelor Degree	
PHSE 568 Research Design in Environmental Technology	3(3-0-6)
PHSE 569 Doctoral Seminar in Environmental Technology	1(1-0-2)
PHSE 625 Environmental Technology and Development	3(3-0-6)
PHSE 626 Advanced Environmental and Health Risk Assessment	2(2-0-4)
PHSE 570 Environmental Modeling	3(3-0-6)
PHSE 572 Advanced Technology in Water and Wastewater Treatment	3(3-0-6)
PHSE 574 Waste Management and Utilization	3(3-0-6)
Elective courses	
For students with Master's Degree	
For students with Bachelor Degree	
PHSE 571 Resources Management and Tools	3(3-0-6)
PHSE 575 Geographical Information System for Environmental Applications	3(3-0-6)
PHSE 576 Atmospheric Pollution and Climate Chang	3(3-0-6)
PHSE 577 Organic Waste Recovery and Recycling	3(3-0-6)
PHSE 578 Energy and Environment	3(3-0-6)
Dissertation	
For students with Master's Degree	
PHSE 699 Dissertation	36(0-144-0)
For students with Bachelor Degree	
PHSE 799 Dissertation	48(0-192-0)
* These may change in cases where there are suggestions for the improvement of the curriculum	

Proposal/Concept Paper

- Interested topics in Environmental Technology or
- Topic for Dissertation

Additional Advantages of the Program

Our program aims to produce graduates who possess a strong and relevant foundation and skills needed for practicing their profession with competence and confidence in the changing world.

Additional Information for applicants

For more information click <http://www.ph.mahidol.ac.th>

Application Process

Application is only available via online application at 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.

- Interested Topics in Environmental Technology or
- Topic for Dissertation
- 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)
- 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.

Job option after graduation

1. Government agencies involved.
2. Lecturer in related courses.
3. Academic advisors.

Further information may be obtained from the Director of Graduate Studies, Environmental Technology

1. Asst. Prof. Bunyarit Panyapinyopol (E-mail: bunyarit.pan@mahidol.ac.th)

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Program Coordinator

Miss. Parichat Srisuwan (E-mail: jackneverdie@hotmail.com)

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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**