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Doctor of Philosophy Programme 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. 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 from 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 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)
<p>นอกจากนี้ นักศึกษาสามารถลงทะเบียนเรียนในรายวิชาของหลักสูตรวิทยาศาสตร์มหาบัณฑิต สาขาเทคโนโลยีสิ่งแวดล้อมหรือรายวิชาในหลักสูตรอื่นๆ ของบัณฑิตวิทยาลัย มหาวิทยาลัยมหิดล เป็นการเพิ่มเติมตามความสนใจของนักศึกษา และ/หรือโดยการแนะนำของอาจารย์ที่ปรึกษา/ประธานหลักสูตร และโดยความเห็นชอบของคณะกรรมการบริหารหลักสูตร</p>	

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 Programme

Our programme 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/academic/the.departments/sanitary>.

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 :

- Interested Topics in Environmental Technology or
- Topic for Dissertation
- Two (2) recent photographs (1x1 inch in size)
- A copy of an applicant's degree certificate or a letter of graduation certification 2 copies
(for an applicant with a degree completion)
- A letter certifying that an applicant is currently in the last semester prior to graduation 2 copies
(for an applicant seeking for a degree)
- 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 2 copies
semester prior to graduation
- 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)

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**