

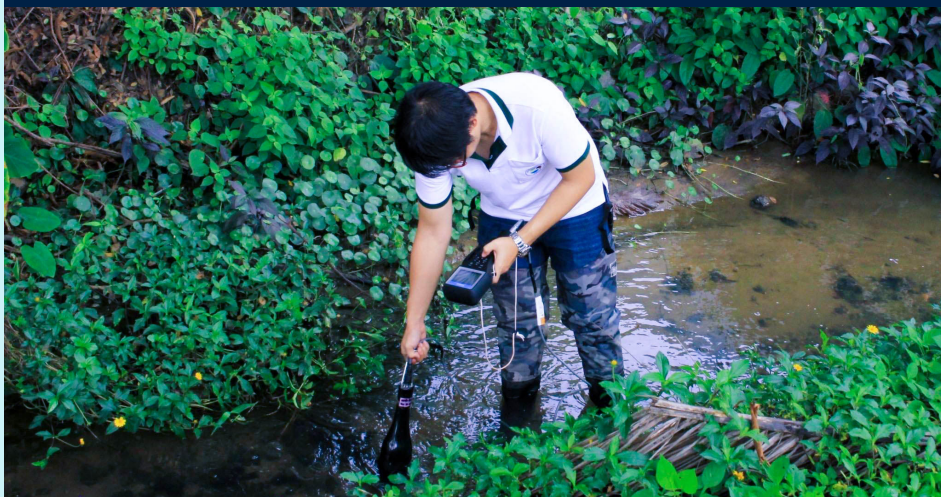
# Master & Doctor of Philosophy Programs in Environmental Science

Research Fields

Air pollution  
Environmental Remediation and Bioremediation  
Environmental Toxicology  
Biomonitoring  
Environmental Risk and Impact Assessment  
Biodiversity  
Environmental Chemistry  
Forest Restoration



For more information,  
please visit the following website.  
[www.es.science.cmu.ac.th](http://www.es.science.cmu.ac.th)



## Doctor of Philosophy Program in Environmental Science (International Program)

### Type 1.1 : Student with Master's Degree

**Degree Requirements** **48 credits**

**A. Thesis**

213898 Doctoral Thesis 48 credits

**B. Academic Activities**

1. Students has to attend seminars of the program every semester that the course is offered.
2. Before her or his degree is conferred, a student must publish some of the findings in at least two articles in international journals. An official acceptance to publish is enough to fulfill this requirement. One of the articles must be published (or accepted to publish) in the international journal, indexed in either one of ISI Web of Science, Scopus, IEEE, and PubMed with the student's name as first author.
3. At least 1 dissertation work or part of dissertation work must be presented in an international conference approved by the Graduate Program Administrative Committee
4. A student has to report thesis progression to the Graduate School every Semesters which approved by the Chairman of the Graduate Study Committee.

**C. Non-credit Courses**

1. Graduate School requirement - a foreign language
2. Program requirement - The student has to register in the Ph.D. Seminar in Environmental Science 1, 2 and 3 (213891, 213892 and 213893)

**D. Qualifying Examination**

1. A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.
2. An unsuccessful examinee may re-take examination within the following regular semester.
3. An unsuccessful examinee will be transferred to Master's Degree studies with the approval of the Graduate Program Administrative Committee.

### Type 1.2 : Student with Bachelor's Degree

**Degree Requirements** **72 credits**

**A. Thesis**

213897 Doctoral Thesis 72 credits

**B. Academic Activities**

1. Student has to attend seminars of the program every semester that the course is offered.
2. Before her or his degree is conferred, a student must publish some of the findings in at least two articles in international journals. An official acceptance to publish is enough to fulfill this requirement. Both of the articles must be published (or accepted to publish) in the international journal, indexed in either one of ISI Web of Science, Scopus, IEEE, and PubMed. At least one of the articles has to have the student's name as first author.
3. At least 1 dissertation work or part of dissertation work must be presented in an international conference approved by the Graduate Program Administrative Committee
4. A student has to report thesis progression to the Graduate School every semesters which approved by the Chairman of the Graduate Study

**C. Non-credit Courses**

1. Graduate School requirement - a foreign language
2. Program requirement - The student has to register in the Ph.D. Seminar in Environmental Science 1, 2, 3 and 4 (213891, 213892, 213893 and 213894)

**D. Qualifying Examination**

1. A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.
2. An unsuccessful examinee may re-take examination within the following regular semester.
3. An unsuccessful examinee will be transferred to Master's Degree studies with the approval of the Graduate Program Administrative Committee.