

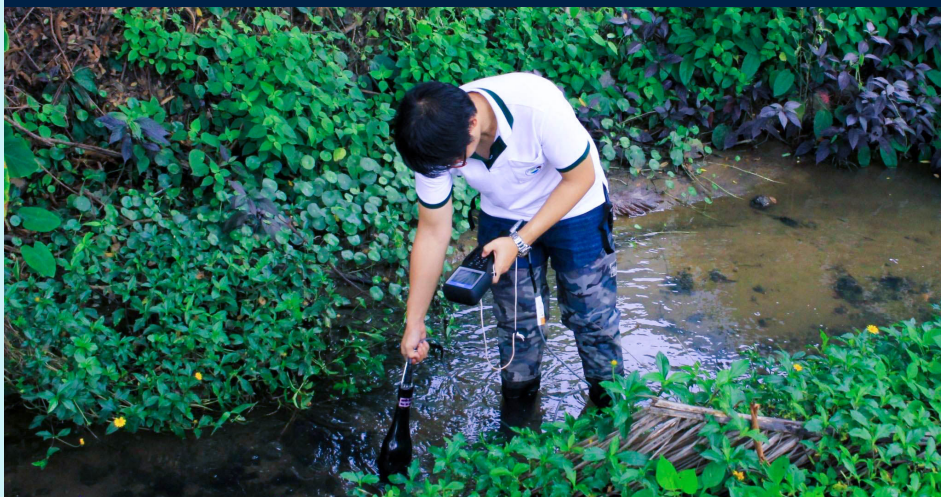
# Master & Doctor of Philosophy Programs in Environmental Science

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)



## Master of Science Program in Environmental Science (International Program)

### Type 2 (Plan A Type A2)

<b>Degree Requirements</b>	a minimum of	36	credits
A. Coursework	a minimum of	21	credits
1. Graduate Courses	a minimum of	21	credits
1.1 Field of Specialization	a minimum of	18	credits
1.1.1 Required courses		11	credits
213706	Biomonitoring and Ecosystem Management	3	credits
213707	Environmental Analysis	3	credits
213708	Experimental Design and Environmental Data Analysis	3	credits
213791	Seminar in Environmental Science 1	1	credit
213792	Seminar in Environmental Science 2	1	credit
1.1.2 Elective courses	a minimum of	7	credits
Student can enroll the followings courses or the others which the graduate education executive committee approves.			
202770	Tropical Plant Ecology	3	credits
202773	Limnology	3	credits
202873	Wildlife Conservation	3	credits
205808	Contaminant Hydrogeology	4	credits
213703	Environmental Science Concepts	3	credits
213711	Environmental Impact Assessment	3	credits
213712	Standard and Regulations in Environmental Law	1	credit
213713	Environmental Modeling	3	credits
213714	Environmental Risk Assessment	2	credits
213715	Health Impact Assessment	2	credits
213716	Environmental Microbiology	3	credits
213717	Air Quality Monitoring and Assessment	3	credits
213718	Fate and Transport of Pollutants in Environment	3	credits
213719	Environmental Organic Chemistry	3	credits
213720	Soil and Groundwater Remediation	3	credits
213763	Integrated Waste Management Technology	3	credits
213769	Selected Topics in Environmental Science 1	1	credit
213779	Selected Topics in Environmental Science 2	2	credits
213789	Selected Topics in Environmental Science 3	3	credits

1.2 Other courses (if any) a maximum of 3 credits

1.2.1 Required courses none

1.2.2 Elective courses (if any) a maximum of 3 credits

Student may enroll in graduate courses upon approval of graduate program administrative committee.

2. Advanced Undergraduate Courses none

## B. Thesis

213799 Master's Thesis 15 credits

## C. Non-credit Courses

1. Graduate School requirement: - a foreign language-
2. Program requirement - none

## D. Academic Activities

1. A student has to attend seminar every semester that the course is offered.
2. A student has to attend the study tour organized by the program.
3. At least 1 master's thesis work or a part of master's thesis work must be published or at least accepted to publish in a international journal listed in ACI, Scopus, ISI Web of Science, IEEE, PubMed database or as a full paper in an international academic conference with proceedings with the student as the first author.