

MASTER OF ENVIRONMENTAL ENGINEERING (8520320)

Overview:

Tuition Fee: \$2000/2-years program taught in Vietnamese
\$5000/2-years program taught in English.

Dormitory Fee: From \$30/month.
Admission: June and December annually.
Study period: 18 – 24 months.
Study time: On Saturday and Sunday.

Introduce to the Program:

The Master training program of the major Environmental Engineering is based on the reference of many reputable universities in the Netherlands, Thailand, England, Taiwan... The outstanding features of this training program are the selecting of advanced training program contents to suit the current condition in Viet Nam and the attempts to meet the demands of employers.

The lecturers are experienced in doing researches, work well in the field of Environment Engineering, and graduated from reputable universities.

Special information: students graduating with good Master's degree in Environmental Engineering at Ton Duc Thang University and having desires to study higher will have the priority to be considered transferring documents to continue studying the Ph.D. degree at universities of the Czech Republic, Taiwan...

Program structure:

The program is divided into 3 large courses which are progressed in 3 semesters, as below:

- **1st Semester:** Students will study general and fundamental courses.
- **2nd Semester:** Students will study specialist courses.
- **3rd Semester:** Students prepare master's dissertation in 6 months.



ADDRESS

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Curriculum of Master program in Environmental Engineering:

Course Code	Course title	Credit	Theory
A. General Knowledge		15	
FL700000	English	10	10
SH700000	Philosophy	3	3
IN700000	Research Methods	2	2
B. Fundamental and Specialist knowledge		30	
B.1 Mandatory courses			
EL702010	Biological process in Environmental engineering	2	2
EL702020	Physicochemical process in environmental engineering	2	2
EL702030	Advanced solid waste and hazardous waste treatment technology	2	2
EL702040	Advanced water treatment engineering	2	2
EL702050	Advanced wastewater treatment engineering	2	2
EL702060	Advanced air pollution control engineering	2	2
B.2 Selective courses (collect 18 credits, including 01 Advanced Topic)			
EL702070	Ecological engineering	2	2
EL702080	Environmental data analysis and interpretation	2	2
EL702090	Ecotoxicology	2	2
EL702100	Environmental modelling	2	2
EL702110	Environmental monitoring technology	2	2
EL702120	Environmental analysis technology	2	2
EL702130	Noise and vibration control technologies	2	2
EL702140	Land contamination treatment techniques	2	2
EL702150	Membrane technology in environmental engineering	2	2
EL702160	Waste recycling	2	2
EL702170	Applied geographic information system in Environmental engineering	2	2
EL702180	Experimental of waste treatment techniques	2	1
EL702190	Experimental of environmental analysis techniques	2	1
EL702200	Environmental economics	2	2
EL702210	Environmental Impact and Strategic Assessment	2	2
EL702220	Environmental Planning	2	2



EL702230	Climate Change: Mitigation and Adaptation	2	2
EL702240	Energy management	2	2
EL702250	Environmental Risk Management	2	2
EL702260	Water Resources Management	2	2
EL702270	Water supply and drainage network management	2	2
EL702280	Environmental project design and management	2	2
EL701050	Hazard Identification and Quantified Risk Analysis	2	2
EL701220	Environmental Management System	2	2
EL701240	Pollution Minimization and Prevention	2	2
EL702290	Advanced Topics in Environmental management	2	2
EL702300	Advanced Topics in Natural resource management	2	2
EL702310	Advanced Topics in Environmental technology	2	2
C. Master thesis		15	
EL702000	Master's Thesis	15	0
Total		60	