



THAI NGUYEN UNIVERSITY OF AGRICULTURE AND FORESTRY
 Quyet Thang Commune, Thai Nguyen City, Viet Nam
 Tel: +842086275999 * Fax: +842082490866 * Email: dhnl@tuaf.edu.vn

MASTER'S DEGREE IN ENVIRONMENTAL SCIENCE

1. Information

The training program aims to provide learners with in-depth knowledge of the profession and appropriate scientific research methods so that they can independently carry out researches and develop scientific opinions and theories, initially form scientific ideas, discover and test new knowledge on environmental technology, environmental engineering, environmental quality control of gas, water, soil, water, air and biodiversity...; are able to work in research, teaching, consulting and policy-making or other positions in the field of Environmental Science; can continue to participate in the doctoral training program in Environmental Science.

2. Curriculum

KNOWLEDGE BLOCK			CREDITS		PERCENTAGE (%)
General	Philosophy		3	8	13,33
	English		5		
Basic professional and Professional	Basic professional	Compulsory	14	37	61,67
		Optional	8		
	Professional	Compulsory	9		
		Optional	6		
GRADUATION THESIS			15		25,00
TOTAL			60		100,00

COURSES

Course code		Course's name	Credits
Letter part	Number part		
I. General knowledge block (2 subjects)			
PHI	831	Philosophy	3



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ENG	851	English	5
II.1. Basic professional knowledge block			
A. Compulsory courses (14 credits)			
EPR	821	Principles and methods of environmental research	2
BNC	821	Biodiversity and nature conservation	2
SWE	821	Soil and water environment	2
REE	821	Resource and environmental economics	2
ENA	821	Environmental analysis	2
EMS	821	Environmental management for sustainable development	2
TOE	821	Environmental Toxicology	2
B. Optional courses: (8 credits)			
CMT	821	Cadastral map building technology	2
MSR	821	Methods of scientific research	2
ENS	821	Environmental socio-economic statistics	2
AGI	821	Application of remote sensing and geographic information systems in environmental management research	2
CLC	821	Climate change	2
SRM	821	Socioeconomics research methods	2
APA	821	Agricultural policy analysis	2
EIM	821	Economic information management	2
RED	821	Regional economic development	2
ENM	821	Environmental modeling	2
AEC	821	Applied environmental chemistry	2
WAE	821	Waste economy	2
II.2. Professional knowledge block			
A. Compulsory courses (9 credits)			
EIA	831	Environmental impact assessment	3
ENT	821	Environmental pollution and treatment measures	2
ESP	821	Environmental strategy and policy	2



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RBM	821	River basin general management	2
B. Optional courses (6 credits)			
RMM	821	Real estate market management	2
CSR	821	Compensation and resettlement support	2
LPR	821	Valuation of land and real estate	2
ENP	821	Environmental planning	2
POE	821	Forests and environment	2
POS	821	Environmental technology	2
LMS	821	Management skills	2
PDR	821	Rural development planning	2
APM	821	Agricultural project management	2
AGM	821	Agricultural market	2
MAR	821	Agricultural marketing	2
ABE	821	Applied biology in environmental remediation	2
URE	821	Environmental urbanization	2
III. Graduation thesis			15
Total			60