



THAI NGUYEN UNIVERSITY OF AGRICULTURE AND FORESTRY

Quyết Thắng Commune, Thai Nguyen City, Viet Nam

Tel: +842086275999 * Fax: +842082490866 * Email: dhnl@tuaf.edu.vn

MASTER'S DEGREE IN CROP SCIENCE

1. Introduction

The program is therefore designed to train students to take on scientific tasks in research institutions and the private sector, offering a well-founded methodological and biotechnological education for up-and-coming crop scientists.

Within each specialization many academic disciplines are represented, including crop breeding and genetics, crop physiology and metabolism, crop production and management, agro ecology & sustainability, ecophysiology, plant breeding and genetics, food systems, small farms, weed science, seed science & technology, pedology, water science, restoration ecology, entomology, pest management, biological control, plant nutrition, organic agriculture, and waste management.

2. Curriculum

Code		Courses	Credit
I. General courses (2 courses)			
PHI	831	Philosophy	3
ENG	851	English	5
II. 1. Basic courses			
A. Cores (13 Credits)			
PBC	821	Plant Biochemistry	2
PPH	821	Plant physiology	2
GPB	831	Genetics, plant breeding	3
PPR	821	Plant protection	2
RMC	821	Research methods	2
PNU	821	Plant nutrition	2
B. Electives: (8 Credits)			



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AGS	821	Agricultural system	2
PPM	821	Project planning and management	2
OAF	821	Organic Agriculture Farming	2
HFS	821	Hygiene and food safety	2
EML	821	Environmental management and livestock waste	2
OHE	821	One health	2
VIM	821	Veterinary Immunology	2
ABT	821	Application of Biotechnology	2
DTR	821	Diseases transmitted	2
PEM	821	Pest management	2
VFES	821	Valuation of forest environmental services	2
SOF	821	Social forestry	2
GEN	809	Genetic	2
TPSI	810	Transmission and protection of scientific information	2
TXO	811	Toxicology	2
EXT	821	Extension	2
EEN	821	Environmental ecology	2
II.2. Specialized courses/Major courses			
A. Cores (8 Credits)			
CER	821	Food crops (rice, corn)	2
CAS	821	Cash crops (Tea, soybeans)	2
FRU	821	Fruits	2
VEG	821	Vegetables	2
B. Electives (8 Credits)			
TFO	821	Technology of flowers and ornamental plants	2
ICM	821	Integrated crop management (ICM)	2



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HTC	821	High technology in farming	2
GFP	821	Grassland & forage plants	2
ANW	821	Animal welfare	2
ANT	821	Animal testing	2
EPI	821	Veterinary epidemiology	2
WAD	821	Wild animal disease	2
FDP	821	Forest development planning	2
MPF	821	Market and processing of forest products	2
CDM	821	Conservation and development of medicinal plants	2
AMP	819	Animal Molecular Pathology	2
PMP	820	Plant Molecular Pathology	2
FET	821	Fermentation technology	2
PHT	821	Postharvest technology	2
SWC	821	Sweet Potatoe, cassava	2
SUT	821	Sugarcane, Nicotiana tabacum	2
III. Thesis			15
Total credits			60