



The degree of

Master of Science in Tropical Animal Health

Major: Animal Disease Control

is awarded to Mister

PORTUGALIZA, Harvie P.

Born on 13/12/1988 in Cabucgayan, Leyte, Philippines

This diploma is delivered in accordance with the Higher Education decree of the Flemish Community (Belgium) of April 4th, 2003.

Prof Dr Bruno Gryseels
Director

Antwerpen, July 3rd 2014

Notes:

- The MSc in Tropical Animal Health represents 60 credits, 1 credit equals 25 to 30 hours of study
- The studies are in the field of Veterinary Medicine, Sciences and Applied Sciences
- This course is accredited by the Accreditation Organisation of Flanders and The Netherlands - NVAO (www.nvao.net)
- A supplement (4 pages) is appended to this diploma.

Voor echtheitsverklaring van de handtekening
van
Hoedanigheid
Brussel, 4/7/14



Dewever K.
Medewerker

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Jan Van de Velde

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Supplement to the Diploma of Master of Science in Tropical Animal Health

The diploma supplement follows the model developed by the European Commission, the Council of Europe and UNESCO-CEPES. The diploma supplement provides independent data in order to improve the international transparency and the correct recognition of diplomas for academic or professional purposes. The supplement describes the nature, the level, the context, the content and the status of the studies successfully completed by the person named on the diploma to which this supplement is appended. The diploma supplement does not include any value judgment, interpretation on the equivalence or suggestions about recognition.

1. Information identifying the holder of the qualification

- 1.1. Surname: PORTUGALIZA,
- 1.2. First name(s): Harvie P.
- 1.3. Date of birth: 13/12/1988
- 1.4. Student identification number at the institution of higher education: 8043

2. Information identifying the qualification

- 2.1. Name of the qualification : Master of Science in Tropical Animal Health
Major: Animal Disease Control
- 2.2. Main field of study for the qualification: Veterinary Medicine, Sciences and Applied Sciences
- 2.3. The association to which the institution of higher education belongs : not applicable
- 2.4. Name and status of the institution offering the study programme: Instituut voor Tropische Geneeskunde (Institute of Tropical Medicine)
- 2.5. Foundation of Public Utility, postgraduate training institution under University Laws.
- 2.6. Language of course and examination: English.

3. Information on the level of the qualification

- 3.1. Level of qualification : postgraduate academic education, subsequent Master (Master after Master)
- 3.2. Duration of the course and study scope: the course starts on September 2nd 2013 and ends on July 3rd 2014, and represents between 1500 and 1800 study hours equal to 60 credit points
- 3.3. Admission requirements for the course: the candidate is holder of a degree in veterinary medicine, biology, agricultural or zoological sciences, bioengineering or an equivalent qualification, considered appropriate by the Academic Council of the ITM.

4. Information on the content of the course and results obtained

- 4.1. Study type: full-time learning and training.
- 4.2. Course objective: to contribute to the development of the livestock sector in the tropics through improved prevention and control of animal diseases consequently leading to an improved food security and food safety to the benefit of local people



4.3. Main parts of the programme: the programme consists of three parts, mandatory for all participants: a part common to all participants, an optional part (choice between 2 majors) and the thesis. For the major 'animal disease control', these three parts count for respectively 10, 25 and 25 credits. For the option 'epidemiology', these three parts count for respectively 10, 30 and 20 credits.

The degree was awarded considering Mister PORTUGALIZA, Harvie P. took the module of the common part,

MODULE	CREDITS	STUDYLOAD	PER CENT
Research Methodology	10	279h	76

the modules of the selected major Animal Disease Control,

MODULE	CREDITS	STUDYLOAD	PER CENT
Epidemiology of Specific Diseases	4	102h	80
Control of Vector Borne Diseases	7	201h	81
Control of Infectious Diseases	4	117h	78
Helminthic Disease Control	4	102h	85
Laboratory Diagnosis	6	180h	88

and defended his thesis, representing a workload of at least 676 hours and representing 25 credits, entitled:

"Investigating the burden of Plasmodium knowlesi infection among human in Rattanakiri, Cambodia"

Score obtained for the thesis document: 90 %

Score obtained for the thesis defence: 83 %

Score obtained for the individual learning process: 91 %

Weighted average score for the modules: 81 %



Note: the assessment of the participants is based on four methodological tools (tests, thesis manuscript, thesis defence, individual process evaluation). To obtain the Master degree, a student must have at least 50 % of the points in each of the four components of the global MSTA evaluation mark :

- a) exam results of the different modules (represents 50% of the global MSTA evaluation mark)
- b) an individual process evaluation (represents 10% of the global MSTA evaluation mark)
- c) the thesis manuscript (represents 20% of the global MSTA evaluation mark)
- d) the thesis defence (represents 20% of the global MSTA evaluation mark)

Students, who obtain more than 40 % but less than 50 % in one of the four components or who fail in one or several modules, may be deliberated during a deliberation meeting.

The global MSTAH mark obtained by the participant is "84 %"

This final mark of Mister PORTUGALIZA, Harvie P. corresponds to the following degree of merit on the ECTS grading scale: " A "

ECTS grading scale

ECTS Degree of merit	% of students from the last 5 academic years who obtained this grade	Range of global MSTAH marks(in percent) corresponding to the ECTS grade
A	10	Between 79,54% and 85,03%
B	25	Between 73,31% and 79,53%
C	30	Between 68,38% and 73,30%
D	25	Between 64,26% and 68,37%
E	10	Between 58,08% and 64,25%

5. Information on the function of this diploma

Access to further studies or professional functions depends on the laws and regulations of the home country of the student.

6. Additional information

Additional information: no exemptions for course components or examinations have been granted to the candidate.

Information sources : please consult the following websites

- www.hogeronderwijsregister.be presenting the Flemish Higher Education Register
- www.itg.be presenting the Institute of Tropical Medicine in Belgium
- <http://www.ond.vlaanderen.be/naric/en/> presenting NARIC-Vlaanderen, the Flemish information centre of "National Academic Recognition and Information Centre Network" of the European Economic Area created in 1984 by the European Commission of the European Union.
- www.nvao.net presenting the Accreditation Organisation of Flanders and the Netherlands (NVAO).

7. Certification of the supplement

Antwerpen, July 3rd, 2014



Dr Mieke Stevens,
MSTAH Coordinator



Information on the higher education system of the Flemish Community in Belgium

Description of the higher education system in the Flemish Community

In Flanders there are three levels of education:

- **The primary education** (from age 6 to 12)
- **The secondary education** (from age 12 to 18)
- **The higher education** (from age 18). In the Flemish Community in Belgium, higher education is organised at the universities, in 'hogescholen' or polytechnics and in specialised postgraduate training institutions.
 - **Higher academic education** is organised in the institutions with a university or similar statute: the Flemish Community in Belgium has 6 universities and a few postgraduate training institutions under University Laws. The Institute of Tropical Medicine is one of the latter. The universities offer a primarily academic education divided into two cycles: *bachelor* (3 years) and *master* (1 or 2 years). The Institute of Tropical Medicine offers an academic *master* education (1 year) accessible to holders of a university master or equivalent. The *master* programme of the Institute of Tropical Medicine is also called a subsequent *master*.
 - **Higher professional education in 'hogescholen'** (and similar institutions) is subdivided in education of the short type (3 or 4 years) in one cycle (bachelor) and education of the long type in two cycles (cf. academic education), in collaboration with universities.

Diagram of the higher education system in the Flemish Community

