

Memorandum of Agreement

Between

Can Tho University

Hue University

Vietnam National University of Agriculture

Nha Trang University

Research Institute for Aquaculture Nr. 2

In the framework of the VLIR VN NETWORK Bioscience for Food

Witnessed by:

Prof. Koen Dewettinck, Flemish coordinator of the VLIR VN NETWORK Bioscience for Food for Ghent University and Prof. Marc Hendrickx (Katholieke Universiteit Leuven), advisor of the VLIR VN NETWORK Bioscience for Food.

Within the VLIR Vietnam Network Programme Bioscience For Food, the 5 involved Vietnamese partners i.e. Can Tho University, Hue University, Vietnam National University of Agriculture, Nha Trang University and Research Institute for Aquaculture Nr 2 collaborate to set up joint research-based master programmes in Food Technology and Aquaculture as well as a joint doctoral training programme.

In order to develop these programmes to the mutual benefit of all partners of the VLIR Network programme Bioscience for Food, the 5 partners hereby confirm to set up 3 joint programme committees, the members of which equally represent the 5 partner universities of the VLIR VN Network programme Bioscience for Food.

ARTICLE 1: Authority of the joint programme committees

The Joint Program Committees of the master programmes Food Technology and Aquaculture define the respective programme curricula (content, structure and procedures) and guarantee to implement an internal quality control system of the programme.

The joint doctoral training programme committee selects the modules that make up the doctoral school programme, and annually evaluates the programme.

As proof of agreement, 2 originals are signed, with the same content and effect in English

ARTICLE 2: Members of the Joint Programme committees

Programmes	Institution partners					Advisors to the committees	
	CTU	VNUA	HU	NTU	RIA2	UGent	KU Leuven
Master of Food Technology	Assoc. Prof. Ly Nguyen Binh	Dr. Tran Thi Dinh	Assoc. Prof. Do Thi Bich Thuy	Dr. Mai Tuyet Nga	Not relevant	Prof. Koen Dewettinck	Prof. Marc Hendrickx
Master of Aquaculture	Assoc. Prof. Vu Ngoc Ut	Dr. Kim Van Van	Dr. Nguyen Duy Quynh Tram	Dr. Pham Quoc Hung	Dr. Nguyen Thi Ngoc Tinh	Prof. Peter Bossier	Prof. Filip Volckaert
Doctoral school	Assoc. Prof. Mai Van Nam	Dr. Tran Thi Dinh	Dr. Truong Quy Tung	Dr. Quach Hoai Nam	Dr. Nguyen Thi Ngoc Tinh	Prof. Koen Dewettinck Prof. Peter Bossier	Prof. Marc Hendrickx Prof. Filip Volckaert

Note:

- CTU: Can Tho University
- VNUA: Vietnam National University of Agriculture
- HU: Hue University
- NTU: Nha Trang University
- RIA2: Research Institute for Aquaculture No 2
- UGent: Ghent University
- KU Leuven: Katholieke Universiteit Leuven

ARTICLE 3: Step wise formulation of the joint master programmes and joint doctoral training programmes

The joint programme committees representing the 5 partner universities agree to develop the joint master programmes and joint doctoral training programme following a step wise approach. In general, the curriculum will consist of core courses, optional courses and master thesis, the implementation of which will be decided by the committees.

The curriculum will be designed in joint agreement with all VLIR NETWORK partners. Modalities of amongst other credit exchange, student and staff exchange between the 5 partner universities will be identified. Logistic procedures, administrative aspects, student admission requirements, procedures and detailed arrangements necessary for curriculum design, issuing the MSc diploma,.. will be agreed upon by the joint programme committees.

ARTICLE 4: Duration

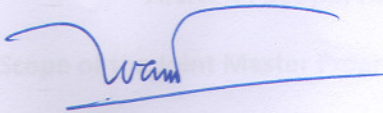
The MOU agreement will remain effective for a duration of 4 years until 31 March 2019 (end of the first phase of VLIR VN NETWORK programme), unless one of the parties informs the other in writing of its decision to denounce it.

As proof of agreement, 7 originals are signed, with the same content and effect in English.

ANNEX I: Scope, model and outcome of the Joint Master Programmes

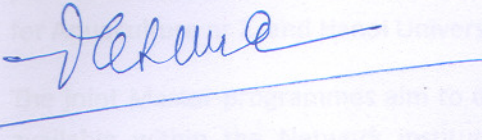
ANNEX II: Scope, model and outcome of the Joint Doctoral Training Programme

For Can Tho University



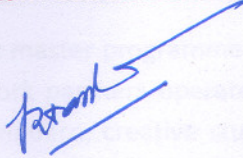
Prof. Dr. Ha Thanh Toan, Rector

For Hue University



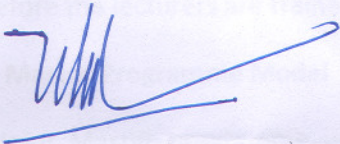
Dr. Truong Quy Tung, Vice president

For Vietnam National University of Agriculture



Prof. Dr. Nguyen Tat Canh, Vice president

For Nha Trang University



Prof. Dr. Trang Si Trung, Vice rector

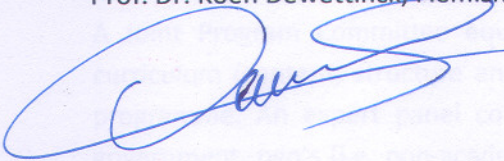
For Research Institute of Aquaculture Nr 2




Dr. Nguyen Van Hao, Director

Witnessed by

Prof. Dr. Koen Dewettinck, Flemish coordinator of the VLIR VN NETWORK Bioscience for Food



Prof. Dr. Marc Hendrickx, Advisor of the VLIR VN NETWORK Bioscience for Food



ANNEX I: Scope, model and outcome of the Joint Master Programmes

ANNEX II: Scope, model and outcome of the Joint Doctoral Training Programme

ANNEX I Scope, model and outcome of the Joint Master Programmes

Scope of the Joint Master Programmes

Within the VLIR VN network programme Bioscience for Food, two joint Master programmes (Joint graduate programme and research based education in Aquaculture and Joint graduate programme and research based education in Food Technology) will be set up with a joint participation of the 5 partner universities, i.e. Hue University, Can Tho University, Nha Trang University, Research Institute for Aquaculture nr 2, and Hanoi University of Agriculture.

The joint Master programmes aim to offer research based education starting from 'building blocks' available within the Network institutes. Experts from the 5 partner institutes with profound knowledge on specific research domains, will teach in a modular way as such the Joint Master Programmes in Food Technology and Aquaculture will be composed out of modules.

The joint master programmes in Aquaculture and Food Technology equally supported and hosted by all network partners operate at an international level. These research driven master programmes offer a modern, creative study programme focusing on the unique assets of the local Vietnamese context and by enlargement the South-East Asian context. Controlling the quality of incoming students (English language certificate B2 and prerequisite knowledge) and working with lecturers with an international profile guarantees the high level profile of the joint master programmes. Therefore the lecturers are trained in new teaching skills and English proficiency.

Joint Master Programme Model

The Joint Master programme will be offered in a modular way within the 5 (for aquaculture), respective 4 (for Food Technology) partner universities in Vietnam.

Year 1 is course driven, i.e. mainly composed of lectures and an introduction to the Master research thesis.

Year 2 is project driven, i.e. mainly composed of a project and/or internship and the Master thesis research, on a topic according to the research offer by the different partners and the student's interest.

The Flemish supporting universities offer specific staff upgrading programmes according to the needs identified in Vietnam.

A Joint Program Committee equally representing the project partners defines the programme curriculum (content, structure and procedures) and implements an internal quality control of the programme. An expert panel consisting of representatives of other stake-holders e.g. industry, government, ngo's (i.e. non-academic outreach) is set up and is consulted to evaluate the learning outcomes of the master programmes against the needs of society.

Outcome of the Joint Master programmes

If a student successfully follows a module, the obtained results are validated with a certain number of credits. The Master students collect the agreed total number of credits by following the available modules.

ANNEX II: Scope, model and outcome of the Joint Doctoral Training Programme

Scope of the joint doctoral training programme

Within the VLIR VN network programme Bioscience for Food, a joint doctoral training programme will be set up with joint participation of the 5 partner universities, i.e. Hue University, Can Tho University, Nha Trang University, Research Institute for Aquaculture nr 2, and Hanoi University of Agriculture.

The mission of the joint doctoral training programme is to train PhD students from the 5 partner universities by broadening their knowledge in specific research domains, sharpening their skills en competences, and creating interesting opportunities by gaining real hands-on and practical experience (beyond academia).

Joint Doctoral training programme Model

The joint doctoral training programme will be organized within and by the 5 partner universities in Vietnam. The Flemish partners will facilitate and support the joint doctoral training programme by offering a selection of additional modules in the doctoral programme in Vietnam.

A doctoral school programme committee will be established, the members of which will equally represent all partner universities of the VLIR Network project Biosciences for Food. The doctoral school programme committee selects the modules that make up the doctoral school programme, and annually evaluates the programme. Each partner university currently organising PhD programmes contributes to the joint doctoral school programme offering one or more modules.

The modules that are offered to PhD students participating in the joint doctoral training programme have to be designed according to certain criteria and meet predefined quality requirements that are validated along the doctoral school programme track and are mentioned in the final doctoral school programme transcript of records.

The PhD students are expected to travel between the 5 partner universities and follow the modules of their preference within the joint doctoral training programme.

Outcome of joint doctoral training programme

Having successfully followed a specific course/module, the course is included into the PhD student's curriculum. If the curriculum meets the minimum requirements (agreed upon the partner universities, e.g. number of credits, number of modules), the PhD student, who by the time will have become a PhD degree holder, will receive an official transcript of records attesting high-level knowledge and a wide range of competences. The transcript of records will be jointly signed by the network partners active in the joint doctoral school programme.