



Memorandum of Agreement
for Dual Doctoral Degree Program on Animal Science
between
Chiang Mai University and National Chung Hsing University

Based on the terms of Memorandum of Agreement (MOA) between Chiang Mai University (CMU) and National Chung Hsing University (NCHU) signed in 1999, the Department of Animal Science, NCHU and the Department of Animal and Aquatic Science, CMU (hereinafter referred to as the "partner departments") further entered into an Agreement for implementation of a Dual Doctoral Degree Program.

Article 1. Goals and Purpose

- 1.1 The goals of this Dual Doctoral Degree Program are to offer a bi-national graduate education experience to students who wish to take advantage of education and research opportunities at both NCHU and CMU, as well as to enhance scientific and technical collaboration between faculty and students in the partner departments.
- 1.2 The purpose of this Memorandum of Agreement is to describe the specific terms and conditions agreed by the partner departments regarding the Dual Doctoral Degree Program.

Article 2. Dual Doctoral Degree Program

- 2.1 The two partner departments consider the Doctor of Philosophy (Ph.D.) degree as equivalent.

- 2.2 Full-time students at NCHU and CMU may pursue the dual doctoral degrees offered by the partner departments by complying with the following requirements:
- 2.2.1 To be considered for this Dual Doctoral Degree Program, students must meet a residency requirement of at least one continuous academic year at the student's home university before they can apply and be admitted to this Dual Doctoral Degree Program of the host university.
 - 2.2.2 The final decision and approval of the enrollment will be made by a committee composed of the faculty members from each of the partner departments, and those who have agreed to serve as the student's advisor from each of the partner departments must be in the committee. The final decision will be made based on the application materials and/or interviews.
 - 2.2.3 Prospective students must be assigned an advisor from each of the partner departments, who must be an eligible faculty members in his/her belonging department.
 - 2.2.4 Students enrolled in this Dual Doctoral Degree Program must complete at least one year course work in the host university.
 - 2.2.5 The equivalence of degree work at the partner departments is based on acceptance of courses taken at NCHU by CMU; and acceptance of courses taken at CMU by NCHU.
 - 2.2.6 To gain the dual doctoral degree, participating students must fulfill the graduation requirements for Ph.D. students in both partner departments. The graduation requirements in both partner departments are listed in Appendix 1 and 2, respectively. The participating students shall follow the graduation requirements applied at the time when they are enrolled to the program.

- 2.3 Both two partner departments will assess the Ph.D. students jointly for awarding the dual degrees. Students who completed the graduation requirements proposed in Dual Doctoral Program will be conferred with two Ph.D. degrees, one from NCHU and one from CMU.
- 2.4 In the case of termination of this program, the student can obtain his/her degree from whichever university he/she has fulfilled all the requirements.

Article 3. Tuition, Fees and Regulations

- 3.1 Participating students shall comply with the regulations of both universities to complete the process of registration, suspension, withdrawal, and resumption. Students who wish to extend their study must acquire the approval of both universities beforehand. Transferred credits shall be approved in compliance with the regulations of both universities, or by the terms of agreement if they differ from standard university regulation.
- 3.2 Participating students shall register at both universities and will pay tuition and students fees at their home university, *i.e.* for the semesters during which students are attending and enrolling at the host university, the students will register at their home university and pay tuition and fees to the home university only, with the exception of additional fees that may be necessary to cover required insurance (*e.g.* health insurance) at the host university as defined by each country's laws. Each host university will fully recognize the tuition and student fees paid to the home university and will not charge students additional regular or differential tuition and research expense which includes all necessary facilities to comply and finish the research activities as scheduled.
- 3.3 Students will be responsible for paying all other costs while participating in the Dual Doctoral Degree Program. These costs may include accommodations, food, travel, medical insurance, textbooks, clothing, personal expenses, costs for passports, visas,

visa extensions, or residency permits, and all other debts and incidental expenses incurred during the stay at the host university.

Article 4. The Intellectual Property

All Intellectual Property (IP) generated in this Dual Doctoral Program and/or activities covered by this MOA are deemed to be the joint property of both universities.

Article 5. Term and Validity

This Dual Doctoral Degree Program will enter into effect from the date duly signed by the designated officials of both respective universities, and shall be considered to be in force and valid for a period of five (5) years.

This Memorandum of Agreement may be renewed by the partner departments for another further period of five (5) years upon mutual consent. Should either department wish to terminate or modify this Memorandum of Agreement, a written notice should be given six months in advance of the desired termination/modification date.

In the event of termination/modification, the host departments shall provide current participating students with the opportunity to complete their approved program.

Signatures

National Chung Hsing University



Fuh-Sheng SHIEU, Ph.D.

President

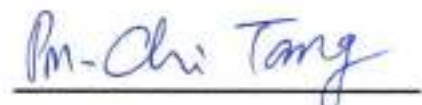
National Chung Hsing University



Fuh-Jyh JAN, Ph.D.

Dean

College of Agriculture
and Natural Resources



Pin-Chi TANG, Ph.D.

Chairperson

Department of Animal Science

Date: August 2nd, 2021


Chiang Mai University



Niwes NANTACHIT, M.D.

President

Chiang Mai University



Daruni NAPHRUM, Ph.D.

Dean

Faculty of Agriculture



Tossapol MOONMANEE, Ph.D.

Chairperson

Department of Animal and
Aquatic Science

Date: August 2nd, 2021

Appendix 1
Graduation Requirements for PhD Students Enrolled after 2019
Department of Animal and Aquatic Science,
Chiang Mai University

Type 1.1 Option Animal Science and Option Fisheries Science Student with Master's Degree

Degree Requirement	48 credits
A. Thesis	48 credits
356898 Dissertation	48 credits

B. Academic activities

- 1)
 - A student must organize a seminar and present the result of his/her dissertation every semester and before dissertation examination
 - A student must have at least 75% attendance on academic activities held on each year.
- 2)
 - Two papers from dissertation work or a part of dissertation work must be published or accepted for publication in international journals in which one of them must be listed in ISI, Scopus, IEEE, PubMed or Web of Science database with the student as the first author or have patent and student must be the first author.
 - At least 1 dissertation work or part of dissertation work must be presented in an international conference accepted by the field of study.
- 3) A student has to report thesis progression to the Graduate School every semester which approved by the Chairman of the Graduate Study Committee.

C. Non-credit courses

1) Graduate School requirement: English Language is specified as a foreign language for passing the foreign language conditions. The criteria for passing the foreign language conditions must be certified by the language institutes accepted by the graduate school, as shown in the following table

Institute	English score for enrolling a doctoral degree student	Score for thesis proposal submission/graduation for all international and doctoral programs
CMU-eTEGS	45	65
IELTS	4.0	5.5
TOEFL	ITP: 430 CBT: 117 IBT: 39	ITP: 523 CBT: 193 IBT: 69
CU-TEP**	45%	65%
GET/ TU-GET(CBT)**	45%	65%
KU-EPT **	45%	65%
DynEd	0.5 (CEFR = A1)	3.0 (CEFR = C1)
CMU e-Grad**	45%	65%

** the score must be not less than the specified percentage from the total score

2) Program requirement: with consent of the dissertation advisory committee. The advisory committee may assign the student to take any basic courses which related to his or her dissertation or any academic activities and the student must acquire V grade from the courses.

D. Qualifying examination

1) A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.

- 2) An unsuccessful examinee must take a re-examination within the following regular semester.
- 3) A student has to report thesis progression to the Graduate School every semester which approved by the Chairman of the Graduate Study Committee.

E. Comprehensive Examination

- 1) A student must take a comprehensive examination to demonstrate his/her knowledge prior and experience to a Dissertation defense.
- 2) An unsuccessful examinee must take a re-examination within the following regular semester.

Appendix 2

Graduation Requirements for PhD Students Enrolled after 2018 Department of Animal Science National Chung Hsing University		
Items		Notes
I. Years of Enrollment: 1. Minimum years of enrollment: 2 year 2. Maximum years of enrollment: 7 years (Excluding 2 academic years of the maximum accumulative length of suspension)		Part-time students may prolong years of enrollment for 1 year.
II. Minimum credits for graduation: <u>30</u> credits including 1. Courses: Minimum of core credits: <u>4</u> ; Minimum of elective credits: <u>14</u> credits 2. Dissertation: <u>12</u> credits 3. Credits of Physical Education and National Defense Education are excluded.		1. To pass Academic and Conduct Courses, the grade has to be over 70/100 to be considered earning the credits. 2. Students who fail the Conduct grade will be expelled. 3. The average of Academic grades comprises 50 % of the overall graduation grade. *Sum of Core credits, Elective credits, and Dissertation credits shall not be less than the minimum credits for graduation.
III. Transfer credits: Maximum <u>2</u> credits		According to NCHU regulation for credits exemption, students shall apply the credits exemption before to the deadline of course registration.
IV. Undergraduate credits from discipline-related courses may be counted as graduation credits and the maximum for such undergraduate credits: 6 credits		According to NCHU regulation, students register to courses which are approved by the dissertation supervisor or dean of academic affairs in each semester. When students plan to register to undergraduate courses due to study purposes, the approval from supervisor is required. Maximum of 6 credits from undergraduate courses could be counted for graduation credits under the decision made by department meeting.
V. Credits from other departments: No limitation		Including credits from other universities.
VI. Core courses and credits: 16 credits		1. Students who fail the core courses shall retake the core courses. 2. Students who don't complete the Core courses cannot graduate.
Core Course Title	Credits	
1.Seminar (III)	2	
2. Seminar (IV)	2	
3. Dissertation	12	

<p>VII. Prerequisite Courses (not included in graduation credits) :</p> <p>No</p>	
<p>VIII. Dissertation Assessment</p> <p>Students shall be assigned to one dissertation supervisor before the end of the first academic year.</p> <p>The supervisor could call a committee to assess the progress of dissertation during the whole enrollment periods if necessary.</p>	<p>Doctoral students who fail to have the dissertation supervisor will be forced to suspend in next semester until a dissertation supervisor is assigned.</p>
<p>IX. Admission of Doctoral Candidacy:</p> <p>Students who complete the minimum requirements of enrollment years, course credits, and finish the research proposal and dissertation outline can apply the admission of doctoral candidacy and are evaluated by the dissertation advisory committee. Students are qualified to doctoral candidacy with a 2/3 majority vote of agreement by the committee members.</p> <ol style="list-style-type: none"> 1. Students shall complete minimum credits for graduation excluding the dissertation credits, and submit the certificate of English proficiency test in article 1 by 「The Rule of Admission of Doctoral Candidacy at the Department of Animal Science at NCHU」. 2. Assessing the progress of doctoral dissertation will be performed by oral examination. Students who fail the oral examination for the first time may apply for the second assessment. Students fail the second assessment will be forced to expel from university. 3. The application for doctoral candidate qualification must be submitted to the dissertation advisory committee at least one month prior to the registration for the dissertation defense. 	<p>Doctoral students who fail the admission of doctoral candidacy for the first time shall not register the dissertation defense. Students fail the admission of doctoral candidacy for the second time will be forced to expel from university.</p>
<p>X. Dissertation Defense:</p> <ol style="list-style-type: none"> 1. Students must get the certification of "Education on Academic and Research Ethics" course before the registration of the dissertation defense. According to 	<ol style="list-style-type: none"> 1. Oral defense comprises 50% of the graduation grade. 2. Students must complete the online course: "Education on Academic and Research Ethics"

<p>NCHU regulation, each academic affair is authorized to verify the graduation requirement for the above certification.</p> <p>2. Students who have completed the doctoral candidacy and finished dissertation draft, as well fulfilled the requirement listed in Art. XI, can register to the doctoral dissertation defense. The application for registration of doctoral dissertation defense has to be submitted 20 days prior to the date of dissertation defense. The lowest passing grade for the doctoral dissertation defense is 70/100.</p>	<p>and pass the exam to receive the certificate. For those who are required to gain the certificate of "Education on Professional Academic and Research Ethics" have to follow the regulation of corresponding departments (institutes or degree programs) accordingly.</p> <p>3. Students who fail oral defense within the enrollment period should register to defense again in the next semester or academic year. Students who fail the dissertation defense again, will be forced to expel from the university.</p> <p>4. The grade to pass the retaking dissertation defense will be 70/100.</p>
<p>IX. Other graduation requirements:</p> <p>1. Students should meet one of the following requirement for English proficiency.</p> <p>(1) No less than TOEFL IBT 70</p> <p>(2) No less than IELTS 5.5</p> <p>(3) Cambridge Certificate FCE or above.</p> <p>(4) No less than TOEIC 650</p> <p>(5) GEPT High-intermediate or above.</p> <p>(6) One accepted or published original research article as the first author in SCI or SSCI journal can be considered as a replacement to satisfy the English proficiency requirement for students who do not provide any of the above English proficiency proof.</p> <p>(7) Those who are native English speakers, or have gained degree abroad can waive this requirement with the approval of department authorities.</p> <p>2. Before application of dissertation defense, students shall have at least two accepted or published original research articles which are related to the PhD study as first author in academic journals, including one SCI journal at least.</p> <p>3. Before application of dissertation defense, students shall attend at least twice academic conferences to present their PhD studies.</p>	<p>According to NCHU regulation, Each academic affair is authorized to verify the graduation requirement for English proficiency.</p>

<p>4. The members of the dissertation defense committee are recommended by the supervisor and approved by the department's admission committee.</p> <p>When the supervisor believes it is necessary, students must assist practice courses with one credits at least in two semesters before graduation.</p>	
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**MEMORANDUM OF AGREEMENT
ON DUAL DEGREE MASTER PROGRAM**

Between

NATIONAL CHUNG HSING UNIVERSITY, TAIWAN

and

VNU HO CHI MINH CITY – UNIVERSITY OF SCIENCE, VIETNAM

Based on the terms set out in the Memorandum of Understanding between National Chung Hsing University (hereinafter referred to as "NCHU"), Taiwan and VNU Ho Chi Minh City-University of Science (hereinafter referred to as "VNUHCM-US"), Vietnam, signed on 2017, NCHU and VNUHCM-US agree to sign a Dual Degree Master Program between:

- (i) College of Engineering, NCHU and Faculty of Physics–Engineering Physics, VNUHCM-US;
- (ii) College of Engineering, NCHU and Faculty of Biology and Biotechnology, VNUHCM-US;

1. Objective

NCHU and VNUHCM-US agree to develop a Dual Degree Master Program allowing participating students in both departments to be granted a Master Degree by both universities.

2. Program Name

For the purpose of this document, the joint program is called "Dual Degree Master Program" hereinafter referred to as the "Program".

3. Degree

Participating students, who complete the Program in accordance with the regulations of both the host and the home universities, will earn a Master Degree from both universities.

4. Qualification and Student Number

Participating students must be a full time graduate student at the home university. Participating students should apply for the Program before the deadline of the host university. The number of students, the selection of participating students and academic contents of the Program will be decided upon through mutual discussion between:

- (i) College of Engineering, NCHU and Faculty of Physics–Engineering Physics, VNUHCM-US;
- (ii) College of Engineering, NCHU and Faculty of Biology and Biotechnology, VNUHCM-US;

5. Regulation and Duration of Stay

The student participating in the Program must satisfy the regulations of both the host and the home university. The regulations include the course credits and the thesis credits. Participating students must first take courses for at least 1 semester prior to the application and at least 2 semesters in total at home university and stay at host university for at least 12 months. In order to also obtain the host university Master Degree, home university students have to be registered in host university's Master Program from their second semester at home university.

6. Course Credits and Thesis Equivalency

NCHU and VNUHCM-US recognize that the minimum required course credits of the Program is course credits. NCHU and VNUHCM-US also agree to recognize that the total of NCHU thesis credits (6 thesis credits) and the total of VNUHCM-US thesis credits are equivalent in their quality and quantity. The students should satisfy that at least one third of the total course credits (not including the thesis credits) should be taken at the host and home university. The students need to enroll for their thesis credits at host university at least after the second semester ends. The students must fulfill the minimum publication requirements recognized by both universities.

7. Research Co-supervision and Thesis

The student participating in the Program must have advisors at both the home and the host universities. The paper based on the co-supervised research should include, in principle, both advisors' names and affiliations in the future publication. The financial support from both universities should be acknowledged in the published paper. The student should complete a graduate thesis at the host university. The title and content of the thesis should be approved by both advisors. The graduate thesis examination must fulfill the procedures and requirements recognized by both universities.

8. Tuition and Fees

Participating students will pay the home university's tuition and fees according to the rates for their degree status, and will not pay the tuition and fees at the host university. Participating students may have to pay fees for courses other than the Program. The living expense, insurance, accommodation fees and traveling costs are borne by the students and/or supported by other sources.

9. Duration

The present agreement comes into effect for a period of five (5) years, from the date of signature by both Parties. The revision of the present agreement may be requested at any given time by either of the Parties and is undertaken by amendment upon mutual written agreement.

10. Termination

The present agreement may be terminated by common agreement in writing between the Parties.

On behalf of NCHU

On behalf of VNUHCM-US


(signature)

Prof. Gau-Jen WANG
Dean of College of Engineering
National Chung Hsing University

Date: 2018/12/18


(signature)

Prof. Le Vu Tuan HUNG
Dean of Faculty of Physics -Engineering Physics
VNU Ho Chi Minh City - University of Science

Date: 11 December, 2018



(signature)

Prof. Nguyen Tri NHAN
Dean of Faculty of Biology and Biotechnology
VNU Ho Chi Minh City – University of Science

Date: 11 December, 2018



(signature)

Prof. Mu-Min CHEN
Vice President of Office of International Affairs
National Chung Hsing University

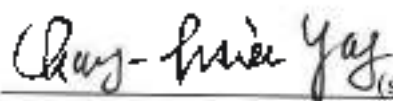
Date: 18. Dec. 2018.



(signature)

Prof. Nguyen Van HIEU
Head of Office of External Relations
VNU Ho Chi Minh City – University of Science

Date: 11 December, 2018



(signature)

Prof. Fuk-Sheng SHIEU
President
National Chung Hsing University

Date: 18 December, 2018



(signature)

Prof. Tran Linh THUOC
President
VNU Ho Chi Minh City – University of Science

Date: 11 December, 2018

AGREEMENT ON DUAL MASTER DEGREE

Between

**GRADUATE INSTITUTE OF BIOMEDICAL ENGINEERING
NATIONAL CHUNG HSING UNIVERSITY, TAIWAN, R.O.C**

And

**FACULTY OF PHYSICS-ENGINEERING PHYSICS,
FACULTY OF BIOLOGY AND BIOTECHNOLOGY
VNU HO CHI MINH CITY- UNIVERSITY OF SCIENCE, VIETNAM**

Article 1. Objective

Based on Memorandum of Understanding between two educational institutions, National Chung Hsing University, (hereinafter referred to as "NCHU"), TAIWAN and University of Science -Vietnam National University Ho Chi Minh City (hereinafter referred to as "VNUHCM-US"), VIETNAM agree to develop the Dual Master Degree Program Agreement, aiming to cultivate international workforce, to provide students with an educational opportunity and to boost their competitiveness in the international workplace.

Article 2. Program Name

This dual master degree program is named as "VNUHCM-US and NCHU Dual Master Degree Program-focus on Biomedical Engineering" (hereinafter referred to as "Program").

Article 3. Degree Conferral

Upon successfully completing the Program, participating students who meet graduation requirements for this Program will be conferred an accredited Master degree from NCHU, Taiwan and an accredited Master degree from VNUHCM-US, Vietnam.

Article 4. The Colleges and Faculties will be joined the Program

1. NCHU:

- Graduate Institute of Biomedical Engineering

2. VNUHCM-US:

- Faculty of Physics and Engineering Physics
- Faculty of Biology and Biotechnology

Article 5. Admission and Quotas

Applicant's qualifications, application procedure, selection process, and quota are as follows:

(1) Applicant's qualifications:

- A cumulative undergraduate GPA of 3.2 or higher on a 4.0 scale
- English requirement: as decided by VNUHCM-US

(2) Application Procedure:

- Applicants should first contact the home department expressing their intention together with their applications, transcript, language proficiency certificate, study plan and interested field of

study.

- The home department will pass the applications to the office of Dual degree program or the office of the International Affairs of the home university.

- All the application materials should reach the office of the International Affairs of the host university before the official deadline.

(3) *Selection process:*

Phase I: The home department will select the qualified students based on their academic performance and relevant documents.

Phase II: The host university will assess the applications and notify the result before the official deadline.

(4) *Quotas:* Three (3) students per academic year.

Article 6. Length of Study

Students should stay at least 2 semesters at both universities.

Article 7. Articulated Curriculum and Terms of Degree Conferral

(1) The students must take at least one-third (*) of total course credits (not including the thesis credits) in Master program at host institution, which are determined by each relative academic division and supervisor. *Curriculum and detailed list of courses may vary and provided in the Appendix I.1.* The student is also required to complete a thesis to be granted a Master degree.

(2) For applicant at VNUHCM-US: English requirement for graduation is that minimum TOEIC score of 650 or paper-based TOEFL score of 500 (or equivalent).

(*) Please note the number of course credit hours earned from each of the two institutions shall not be less than one-third of the total number of course credit hours required for graduation.

Article 8. Thesis Supervision

Participants of the Dual Master Degree Program will conduct appropriate thesis research at both institutions. The supervision of project and thesis work will be determined through the consultation between faculty members from both institutions. The related details are described in the subsequent *Arrangement on Joint Supervision of Master's Thesis*.

Article 9. Credit Transfer and Acceptance

Both institutions have the rights to determine whether the courses that the participants take at both institutions will be transferred and awarded or not.

Article 10. Matriculation, Registration for Courses, and Grading

(1) The process of matriculation and registration for courses, and grading shall conform to the academic policies of both institutions.

(2) Two institutions are responsible for advising students in course registration. An official transcript from the host institution must be received by the home institution upon successful completion of the semester.

Article 11. Tuition and fees

(1) Tuition fee and credit fee are paid at home institute and waive at host institute.

(2) Any other fees at the host institution are paid by participants of this Program.

(3) Participating students of this Program shall be wholly responsible for their own living costs during their stay in the host country.

Article 12. Stipends

VNUHCM-US students participate in the Program will be granted around NTD 10,000 per month (stipends are provided by NCHU, College of Engineering NCHU, and/or Graduate Institute of Biomedical Engineering NCHU) while studying in NCHU for maximum 12 months.

Article 13. Health and Injury Insurance Policy

Participants of this Program are required to purchase health and injury insurance.

Article 14. Return to the Home Institution's Master Degree Program

If a student has been admitted to the host institution and begins his or her coursework yet is unable, for any reason, to complete the academic requirements for a Master's Degree at the host institution, such student may return to the home institution to continue and complete his or her Master Degree. Any course credit hours earned from the host institution may be transferred to the home institution in accordance with the regulations of the home institution. As the students have taken courses at the host institution, tuition and fees paid by such students shall not be returned.

Article 15. Contact persons

- For VNUHCM-US:

Prof. Tran Van HIEU

Vice Dean, Faculty of Biology and Biotechnology

Email: tvhieu@hcmus.edu.vn

Dr. Vo Hong HAI

Deputy Head, Office of External Relations

Email: vhhai@hcmus.edu.vn

- For NCHU:

Prof Cheng-Chung CHANG

Chairman, Graduate Institute of Biomedical Engineering

Email: ccchang555@dragon.nchu.edu.tw

Prof. Mu-Min CHEN

Vice President, Office of International Affairs

Email: oia@nchu.edu.tw

Article 16. Effectiveness, Modification and Termination

This Agreement shall take effect on the date of final signature and has 2 copies (1 copy for each side). The term of the agreement valid is 05 (five) years (2018-2023).

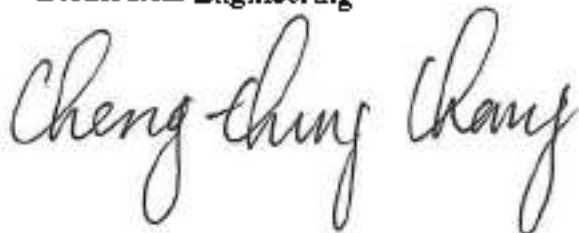
This Dual Master Degree Program Agreement may be terminated according to the same terms set forth in Memorandum of Understanding between NCHU and VNUHCM-US. If either institution intends to terminate or to modify this Agreement, a written notice should be given to the other institution six (6) months prior to the desired effective date of termination.

the other institution six (6) months prior to the desired effective date of termination.

If terms and conditions of this Agreement are not mentioned, the parties to this Dual Master Degree Program Agreement hereby agree to consult under terms of MOU between both institutions.

For National Chung Hsing University

1. Chairman, Graduate Institute of
Biomedical Engineering



Prof. Cheng-Chung CHANG

Date:

2018 12 18

For VNUHCM-University of Science

1. Dean, Faculty of Physics-Engineering Physics



Prof. Le Vu Tuan HUNG

Date: 11 December, 2018

2. Dean, Faculty of Biology and Biotechnology



Prof. Nguyen Tri NHAN

Date: 11 December, 2018



**MEMORANDUM OF AGREEMENT
ON DUAL DEGREE MASTER PROGRAM**

between

**DEPARTMENT OF CHEMICAL ENGINEERING, COLLEGE OF ENGINEERING,
NATIONAL CHUNG HSING UNIVERSITY (NCHU), TAIWAN**

and

**DEPARTMENT OF CHEMICAL ENGINEERING, FACULTY OF INDUSTRIAL
TECHNOLOGY, INSTITUT TEKNOLOGI SEPULUH NOPEMBER (ITS), INDONESIA**

Based on the terms set out in the **Memorandum of Understanding between National Chung Hsing University, Taiwan and Institut Teknologi Sepuluh Nopember, Indonesia**, signed on October, 2016, National Chung Hsing University and Institut Teknologi Sepuluh Nopember agree to sign a Dual Degree Master Program in Chemical Engineering between the Department of Chemical Engineering, National Chung Hsing University (hereinafter referred to as "ChE of NCHU") and the Department of Chemical Engineering, Institut Teknologi Sepuluh Nopember (hereinafter referred to as "ChE of ITS").

1. Objective

ChE of NCHU and ChE of ITS agree to develop a Dual Degree Master Program allowing participating students in both departments to be granted a Master Degree by both universities.

2. Program Name

For the purpose of this document, the joint program is called "Dual Degree Master Program" hereinafter referred to as the "Program".

3. Degree

Participating students, who complete the Program in accordance with the regulations of both the host and the home universities, will earn a Master Degree from both universities.

4. Qualification and Student Number

Participating students must be a full time graduate student at the home university. Participating students should apply for the Program before the deadline of the host university. The number of students, the selection of participating students and academic contents of the Program will be decided upon through mutual discussion between ChE of NCHU and ChE of ITS.

5. Regulation and Duration of Stay

The student participating in the Program must satisfy the regulations of both the host and the home university. The regulations include the course credits and the thesis credits. Participating students must first take courses for at least 1 semester prior to the application and at least 2 semesters in total at home university and stay at host university for at least 12 months. In order to also obtain the host university Master Degree, home university students have to be registered in host university's Master Program

from their second semester at home university.

6. Course Credits and Thesis Equivalency

The ChE of NCHU and the ChE of ITS recognize that the minimum required course credits of the Program is 28 course credits. The ChE of NCHU and the ChE of ITS also agree to recognize that the total of NCHU thesis credits (6 thesis credits) and the total of ITS thesis credits (8 thesis credits) are equivalent in their quality and quantity. The students should satisfy that at least one third of the total course credits should be taken at the host and home universities. The students need to enroll for their thesis credits at host university at least after the first semester ends. The students joining the Program should disseminate their research in at least one international seminar or publish their research in at least one international journal or in at least one national accredited journal.

7. Research Co-supervision and Thesis

The student participating in the Program must have advisors at both the home and the host universities. The paper based on the co-supervised research should include, in principle, both advisors' names and affiliations in the future publication. The financial support from both universities should be acknowledged in the published paper. The student should complete a graduate thesis at the host university. The title and content of the thesis should be approved by both advisors. The graduate thesis examination must fulfill the procedures and requirements recognized by both universities.

8. Tuition and Fees

Participating students will pay the home university's tuition and fees according to the rates for their degree status, and will not pay the tuition and fees at the host university. Participating students may have to pay fees for courses other than the Program. The living, insurance and traveling costs are borne by the students and/or supported by other sources.

9. Duration

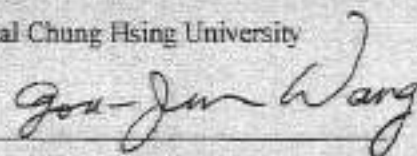
The present agreement comes into effect for a period of five (5) years from the date of signature by both Parties and it will be extended automatically as long as neither party expresses a desire to terminate or modify this agreement. The revision of the present agreement may be requested at any given time by either of the Parties and is undertaken by amendment upon mutual written agreement.

10. Termination

The present agreement may be terminated by common agreement in writing between the Parties.

On behalf of

National Chung Hsing University

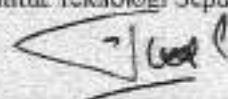


Gou-Jen Wang, Ph.D.

Dean of College of Engineering

On behalf of

Institut Teknologi Sepuluh Nopember

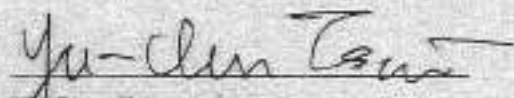


Prof. Dr. Ir. Heru Setyawan M.Eng.

Vice Rector for Academic and Student Affairs

Witnessed by

Department of Chemical Engineering,
National Chung Hsing University

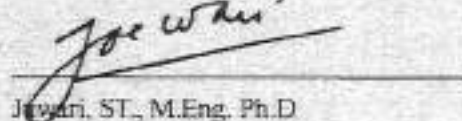


Yu-Chen Tsai, Ph.D.

Chairman and Professor

Department of Chemical Engineering

Department of Chemical Engineering,
Institut Teknologi Sepuluh Nopember



Jiwari, ST., M.Eng. Ph.D

Head

Department of Chemical Engineering



**MEMORANDUM OF AGREEMENT
ON DUAL DEGREE DOCTORAL PROGRAM**

between

**DEPARTMENT OF CHEMICAL ENGINEERING, COLLEGE OF ENGINEERING,
NATIONAL CHUNG HSING UNIVERSITY (NCHU), TAIWAN**

and

**DEPARTMENT OF CHEMICAL ENGINEERING, FACULTY OF INDUSTRIAL
TECHNOLOGY, INSTITUT TEKNOLOGI SEPULUH NOPEMBER (ITS), INDONESIA**

Based on the terms set out in the Memorandum of Understanding between National Chung Hsing University, Taiwan and Institut Teknologi Sepuluh Nopember, Indonesia, signed on October, 2016, National Chung Hsing University and Institut Teknologi Sepuluh Nopember agree to sign a Dual Degree Doctoral Program in Chemical Engineering between the Department of Chemical Engineering, National Chung Hsing University (hereinafter referred to as "ChE of NCHU") and the Department of Chemical Engineering, Institut Teknologi Sepuluh Nopember (hereinafter referred to as "ChE of ITS").

1. Objective

ChE of NCHU and ChE of ITS agree to develop a Dual Degree Doctoral Program allowing participating students in both departments to be granted a Doctoral Degree by both universities.

2. Program Name

For the purpose of this document, the joint program is called "Dual Degree Doctoral Program" hereinafter referred to as the "Program".

3. Degree

Participating students, who complete the Program in accordance with the regulations of both the host and the home universities, will earn a Doctoral Degree from both universities.

4. Qualification and Student Number

Participating students must be a full time graduate student at the home university. Participating students should apply for the Program before the deadline of the host university. The number of students, the selection of participating students and academic contents of the Program will be decided upon through mutual discussion between ChE of NCHU and ChE of ITS.

5. Regulation and Duration of Stay

The student participating in the Program must satisfy the regulations of both the host and the home university. The regulations include the course credits and the dissertation credits. Participating students must first take courses for at least 2 semesters prior to the application and at least 4 semesters in total at home university and stay at host university for at least 24 months. In order to also obtain the host university Doctoral Degree, home university students have to be registered in host university's

Doctoral Program from their third semester at home university.

6. Course Credits and Dissertation Equivalency

The ChE of NCHU and the ChE of ITS recognize that the minimum required course credits of the Program is 22 course credits. The ChE of NCHU and the ChE of ITS also agree to recognize that the total of NCHU dissertation credits (12 dissertation credits) and the total of ITS dissertation credits (30 dissertation credits) are equivalent in their quality and quantity. The students should satisfy that at least one third of the total course credits should be taken at the host and home universities. The students need to enroll for their dissertation credits at host university at least after the second semester ends. The students must fulfill the minimum publication requirements recognized by both universities.

7. Research Co-supervision and Dissertation

The student participating in the Program must have advisors at both the home and the host universities. The paper based on the co-supervised research should include, in principle, both advisors' names and affiliations in the future publication. The financial support from both universities should be acknowledged in the published paper. The student should complete a graduate dissertation at the host university. The title and content of the dissertation should be approved by both advisors. The graduate dissertation examination must fulfill the procedures and requirements recognized by both universities.

8. Tuition and Fees

Participating students will pay the home university's tuition and fees according to the rates for their degree status, and will not pay the tuition and fees at the host university. Participating students may have to pay fees for courses other than the Program. The living, insurance and traveling costs are borne by the students and/or supported by other sources.

9. Duration

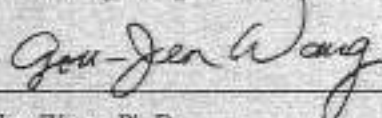
The present agreement comes into effect for a period of five (5) years from the date of signature by both Parties and it will be extended automatically as long as neither party expresses a desire to terminate or modify this agreement. The revision of the present agreement may be requested at any given time by either of the Parties and is undertaken by amendment upon mutual written agreement.

10. Termination

The present agreement may be terminated by common agreement in writing between the Parties.

On behalf of

National Chung Hsing University

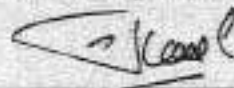


Gou-Jen Wang, Ph.D.

Dean of College of Engineering

On behalf of

Institut Teknologi Sepuluh Nopember

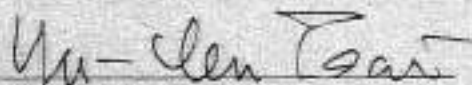


Prof. Dr. Ir. Heru Seryawan M. Eng.

Vice Rector for Academic and Student Affairs

Witnessed by:

Department of Chemical Engineering,
National Chung Hsing University

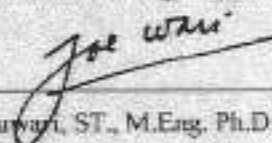


Yu-Chen Tsai, Ph.D.

Chairman and Professor

Department of Chemical Engineering

Department of Chemical Engineering,
Institut Teknologi Sepuluh Nopember



Juwari, ST., M.Eng., Ph.D.

Head

Department of Chemical Engineering

**MEMORANDUM OF AGREEMENT
ON DUAL DEGREE MASTER PROGRAM**

between

**COLLEGE OF ENGINEERING, NATIONAL CHUNG HSING UNIVERSITY (NCHU),
TAIWAN**

and

**FACULTY OF INDUSTRIAL TECHNOLOGY, INSTITUT TEKNOLOGI BANDUNG (ITB),
INDONESIA**

Based on the terms set out in the Memorandum of Understanding between National Chung Hsing University, Taiwan and Institut Teknologi Bandung, Indonesia, signed on February, 2017, National Chung Hsing University and Institut Teknologi Bandung agree to sign a Dual Degree Master Program in Chemical Engineering between the Department of Chemical Engineering, College of Engineering, National Chung Hsing University (hereinafter referred to as "ChE of NCHU") and the Study Program of Chemical Engineering, Faculty of Industrial Technology, Institut Teknologi Bandung (hereinafter referred to as "ChE of ITB").

1. Objective

ChE of NCHU and ChE of ITB agree to develop a Dual Degree Master Program allowing participating students in both institutions to be granted a Master Degree by both universities.

2. Program Name

For the purpose of this document, the joint program is called "Dual Degree Master Program" hereinafter referred to as the "Program".

3. Degree

Participating students, who complete the Program in accordance with the regulations of both the host and the home universities, will earn a Master Degree from both universities.

4. Qualification and Student Number

Participating students must be a full time graduate student at the home university. Participating students should apply for the Program before the deadline of the host university. The number of students, the selection of participating students and academic contents of the Program will be decided upon through mutual discussion between ChE of NCHU and ChE of ITB.

5. Regulation and Duration of Stay

The student participating in the Program must satisfy the regulations of both the host and the home university. The regulations include the course credits and the thesis credits. Participating students must first take courses for at least 1 semester prior to the application and at least 2 semesters in total at home university and stay at host university for at least 12 months. In order to also obtain the host university Master Degree, home university students have to be registered in host university's Master Program

from their second semester at home university

6. **Course Credits and Thesis Equivalency**

The C&E of NCHU and the CHE of ITB recognize that the minimum required course-credits of the Program is 27 course credits. The CHE of NCHU and the CHE of ITB also agree to recognize that the total of NCHU thesis credits (6 thesis credits) and the total of ITB thesis credits (9 thesis credits) are equivalent in their quality and quantity. The students should satisfy that at least one third of the total course credits should be taken at the host and home universities. The students need to enroll for their thesis credits at host university at least after the second semester ends. The students must fulfill the minimum publication requirements recognized by both universities.

7. **Research Co-supervision and Thesis**

The student participating in the Program must have advisors at both the home and the host universities. The paper based on the co-supervised research should include, in principle, both advisors' names and affiliations in the future publication. The financial support from both universities should be acknowledged in the published paper. The student should complete a graduate thesis at the host university. The title and content of the thesis should be approved by both advisors. The graduate thesis examination must fulfill the procedures and requirements recognized by both universities.

8. **Tuition and Fees**

Participating students will pay the home university's tuition and fees according to the rates for their degree status, and will not pay the tuition and fees at the host university. Participating students may have to pay fees for courses other than the Program. The living, insurance and traveling costs are borne by the students and/or supported by other sources.

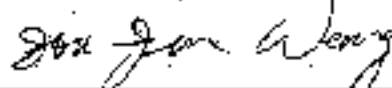
9. **Duration**

The present agreement comes into effect for a period of five (5) years from the date of signature by both Parties and it will be extended automatically as long as neither Party expresses a desire to terminate or modify this agreement. The revision of the present agreement may be requested at any given time by either of the Parties and is undertaken by amendment upon mutual written agreement.

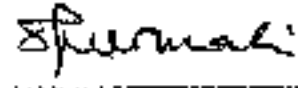
10. **Termination**

The present agreement may be terminated by common agreement in writing between the Parties.

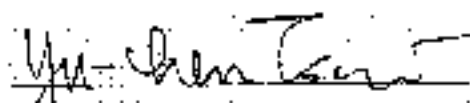
On behalf of
College of Engineering
National Chung Hsing University


Gau-Jen Wang, Ph.D.
Dean

On behalf of
Faculty of Industrial Technology
Institut Teknologi Bandung


Prof. Dedy Kurnadi, Dr.Eng.
Dean

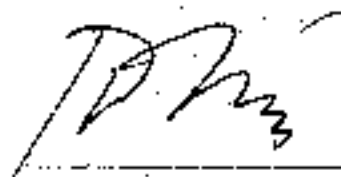
In witness whereof



Yu-Chen Tsai, Ph.D.

Chairman and Professor

Department of Chemical Engineering



Dr. Ir. U.G. B. Ngurah Makertihartha

Chairman

Study Program of Chemical Engineering

**MEMORANDUM OF AGREEMENT
ON DUAL DEGREE DOCTORAL PROGRAM**

between

**COLLEGE OF ENGINEERING, NATIONAL CHUNG HSING UNIVERSITY (NCHU),
TAIWAN**

and

**FACULTY OF INDUSTRIAL TECHNOLOGY, INSTITUT TEKNOLOGI BANDUNG (ITB),
INDONESIA**

Based on the terms set out in the Memorandum of Understanding between National Chung Hsing University, Taiwan and Institut Teknologi Bandung, Indonesia, signed on February, 2017, National Chung Hsing University and Institut Teknologi Bandung agree to sign a Dual Degree Doctoral Program in Chemical Engineering between the Department of Chemical Engineering, College of Engineering, National Chung Hsing University (hereinafter referred to as "ChE of NCHU") and the Study Program of Chemical Engineering, Faculty of Industrial Technology, Institut Teknologi Bandung (hereinafter referred to as "ChE of ITB").

1. Objective

ChE of NCHU and ChE of ITB agree to develop a Dual Degree Doctoral Program allowing participating students in both institutions to be granted a Doctoral Degree by both universities.

2. Program Name

For the purpose of this document, the joint program is called "Dual Degree Doctoral Program" hereinafter referred to as the "Program".

3. Degree

Participating students, who complete the Program in accordance with the regulations of both the host and the home universities, will earn a Doctoral Degree from both universities.

4. Qualification and Student Number

Participating students must be a full time graduate student at the home university. Participating students should apply for the Program before the deadline of the host university. The number of students, the selection of participating students and academic contents of the Program will be decided upon through mutual discussion between ChE of NCHU and ChE of ITB.

5. Regulation and Duration of Stay

The student participating in the Program must satisfy the regulations of both the host and the home university. The regulations include the course credits and the dissertation credits. Participating students must first take courses for at least 2 semesters prior to the application and at least 4 semesters in total at home university and stay at host university for at least 24 months. In order to also obtain the host university Doctoral Degree, home university students have to be registered in host university's

Doctoral Program from their third semester at home university.

6. Course Credits and Dissertation Equivalency

The ChE of NCHU and the ChE of ITB recognize that the minimum required course credits of the Program is 22 course credits. The ChE of NCHU and the ChE of ITB also agree to recognize that the total of NCHU dissertation credits (12 dissertation credits) and the total of ITB dissertation credits (20 dissertation credits) are equivalent in their quality and quantity. The students should satisfy that at least one third of the total course credits should be taken at the host and home universities. The students need to enroll for their dissertation credits at host university at least after the second semester ends. The students must fulfill the minimum publication requirements recognized by both universities.

7. Research Co-supervision and Dissertation

The student participating in the Program must have advisors at both the home and the host universities. The paper based on the co-supervised research should include, in principle, both advisors' names and affiliations in the future publication. The financial support from both universities should be acknowledged in the published paper. The student should complete a graduate dissertation at the host university. The title and content of the dissertation should be approved by both advisors. The graduate dissertation examination must fulfill the procedures and requirements recognized by both universities.

8. Tuition and Fees

Participating students will pay the home university's tuition and fees according to the rates for their degree status, and will not pay the tuition and fees at the host university. Participating students may have to pay fees for courses other than the Program. The living and traveling costs are borne by the students and/or supported by other sources.

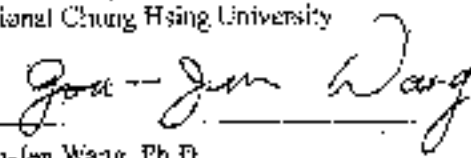
9. Duration

The present agreement comes into effect for a period of five (5) years from the date of signature by both Parties and it will be extended automatically as long as neither Party expresses a desire to terminate or modify this agreement. The revision of the present agreement may be requested at any given time by either of the Parties and is undertaken by amendment upon mutual written agreement.

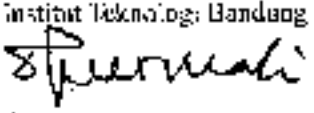
10. Termination

The present agreement may be terminated by common agreement in writing between the Parties.

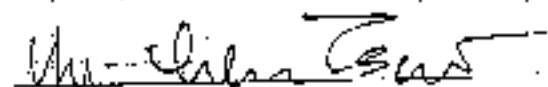
On behalf of
College of Engineering
National Chung Hsing University


Gou-Jen Wang, Ph.D.
Dean

On behalf of
Faculty of Industrial Technology
Institut Teknologi Bandung


Prof. Deddy Kurniadi, Dr.Eng.
Dean

In witness whereof



Yu-Cheng Tzeng, Ph.D.

Chairman and Professor

Department of Chemical Engineering



Dr. J. G. B. Ngarah Makertihartha

Chairman

Study Program of Chemical Engineering

**MEMORANDUM OF AGREEMENT
ON DUAL DEGREE DOCTORAL PROGRAM**

between

**DEPARTMENT OF CHEMICAL ENGINEERING, COLLEGE OF
ENGINEERING, NATIONAL CHUNG HSING UNIVERSITY (NCHU), TAIWAN**
and

**DEPARTMENT OF CHEMICAL ENGINEERING, FACULTY OF ENGINEERING,
DIPONEGORO UNIVERSITY(UNDIP), INDONESIA**

Based on the terms set out in the **Memorandum of Agreement between College of Engineering, National Chung Hsing University, Taiwan and Faculty of Engineering, Diponegoro University, Indonesia**, signed on March 2019, National Chung Hsing University and Diponegoro University agree to sign a Dual Degree Doctoral Program in Chemical Engineering between the Department of Chemical Engineering, National Chung Hsing University (hereinafter referred to as "ChE of NCHU") and the Department of Chemical Engineering, Diponegoro University (hereinafter referred to as "ChE of UNDIP").

1. Objective

ChE of NCHU and ChE of UNDIP agree to develop a Dual Degree Doctoral Program allowing participating students in both departments to be granted a Doctoral Degree by both universities.

2. Program Name

For the purpose of this document, the joint program is called "Dual Degree Doctoral Program" hereinafter referred to as the "Program".

3. Degree

Participating students, who complete the Program in accordance with the regulations of both the host and the home universities, will earn a Doctoral Degree from both universities.

4. Qualification and Student Number

Participating students must be a full time graduate student at the home university. Participating students should apply for the Program before the deadline of the host university. The number of students, the selection of participating students and academic contents of the Program will be decided upon through mutual discussion between ChE of NCHU and ChE of UNDIP.

5. Regulation and Duration of Stay

The student participating in the Program must satisfy the regulations of both the host and the home university. The regulations include the course credits and the dissertation credits. Participating students must first take courses for at least 2 semesters prior to the application and at least 4 semesters in total at home university and stay at host university for at least 24 months. In order to also obtain the host university Doctoral Degree, home university students have to be registered in

host university's Doctoral Program from their third semester at home university.

6. Course Credits and Dissertation Equivalency

The ChE of NCHU and the ChE of UNDIP recognize that the Program requirement consists of course credits and dissertation credits requirement. The minimum required course credits of the Program is 22 course credits. The ChE of NCHU and the ChE of UNDIP also agree to recognize that the total of NCHU dissertation credits (12 dissertation credits) and the total of Diponegoro University dissertation credits (30 dissertation credits) are equivalent in their quality and quantity. The students should satisfy that at least one third of the total course credits should be taken at the host and home university. The students need to enroll for their dissertation credits at host university at least after the second semester ends. The students must fulfill the minimum publication requirements recognized by both universities.

7. Research Co-supervision and Dissertation

The student participating in the Program must have advisors at both the home and the host universities. The paper based on the co-supervised research should include, in principle, both advisors' names and affiliations in the future publication. The financial support from both universities should be acknowledged in the published paper. The student should complete a graduated dissertation at the host university. The title and content of the dissertation should be approved by both advisors. The graduated dissertation examination must fulfill the procedures and requirements recognized by both universities.

8. Tuition and Fees

Participating students will pay the home university's tuition and fees according to the rates for their degree status, and will not pay the tuition and fees at the host university. Participating students may have to pay fees for courses other than the Program. The living, insurance and traveling costs are borne by the students and/or supported by other sources.

9. Duration

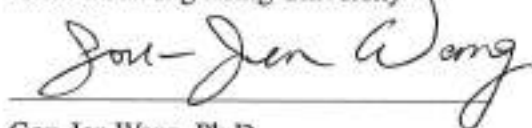
The effective period is five years and it will be extended automatically as long as neither party expresses a desire to terminate or modify this Agreement. The revision of the present agreement may be requested at any given time by either of the Parties and is undertaken by amendment upon mutual written agreement.

10. Termination

The present agreement may be terminated by common agreement in writing between the Parties.

On behalf of

National Chung Hsing University

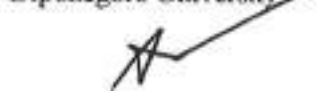


Gou-Jen Wang, Ph.D.

Dean of College of Engineering

On behalf of

Diponegoro University




Prof. Ir. M. Agung Wibowo, MM, MSc, PhD. †

Dean Faculty of Engineering

Witnessed by:

Department of Chemical Engineering,
National Chung Hsing University

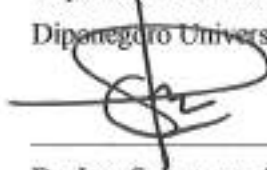


Ching-Hsuan Lin, Ph.D.

Chairman and Professor

Department of Chemical Engineering

Department of Chemical Engineering,
Diponegoro University



Dr.-Ing. Suherman, S.T., M.T.

Head

Department of Chemical Engineering

Cotutelle Agreement

Deakin University (Deakin)

College of Engineering, National Chung Hsing University (Academic Partner)

Office of the University Solicitor

Deakin University

Geelong Waterfront Campus, 1 Gheringhap Street, Geelong, Vic, 3220

Tel: +61 3 5227 8624 | Fax: +61 3 5227 8523 | www.deakin.edu.au | Ref: L82019/1311

Cotutelle Agreement

Parties

Deakin University

ABN 56 721 564 203

a body politic and corporate established pursuant to the *Deakin University Act 2009* (Vic)
of 1 Gherninghap Street, Geelong, Victoria 3220
(Deakin)

College of Engineering, National Chung Hsing University
more fully identified in Item 1 of the Schedule
(NCHU)

Background

- A. Deakin and NCHU (each referred to as an 'institution') have identified areas of shared research interests and expertise.
- B. The parties recognise the value of joint supervision and exchange of research students as a vehicle to enhance international research networks and provide opportunities to advance scholarship and the generation of knowledge.
- C. The parties wish to establish a jointly-offered program of research and study falling within the requirements of each party's regulations on the provision set in this Agreement.

Execution and Date

Date: 9/9/12

Signed for and on behalf of Deakin University by
its duly authorised officer in the presence of:

Signature of witness

Name of witness (please print)

Signed for and on behalf of College of
Engineering, National Chung
Hsing University by its duly authorised officer in
the presence of:

Signature of witness

Name of witness (please print)

Professor Julie Owens
Deputy Vice-Chancellor (Research)

Date:

Professor Gou-Jen Wang
Dean, College of Engineering

Date:

Provisions

1. Definitions and Interpretation

Definitions

1.1 In this Agreement, unless the context requires otherwise:

Australian Trade and Sanction Laws means the Australian law including the *Charter of the United Nations Act 1945*, *Customs Act 1901*, *Autonomous Sanctions Act 2011* and *Defence Trade Controls Act 2012*.

Candidature means the period of time during which a Student is enrolled in a higher degree by research under this Agreement.

Confidential Information means any information existing prior to the commencement of the Project or created in the course of the Project which is designated by a party as confidential and disclosed as confidential, or information which the receiving party knows or ought to know is confidential provided that no information will be regarded as confidential if it:

- (a) is or becomes public knowledge other than by breach of this Agreement;
- (b) is received by a party from a third party where the recipient has no reason to believe that there has been a breach of any obligation of confidentiality owed to the discloser;
- (c) is independently developed by an employee or agent of the receiving party having no knowledge of the information the subject of the disclosure;
- (d) is agreed in writing by the parties to no longer constitute Confidential Information.

Cotutelle refers to a higher degree by research program offered collaboratively by the parties. Students in a cotutelle program are enrolled at both Institutions, are jointly supervised, write one thesis, and receive two separate awards – an award from NCHU meeting NCHU's requirements and an award from Deakin meeting Deakin's requirements.

ESOS Act means the Australian Education Services for Overseas Students Act 2000 and includes the *National Code of Practice for Registration Authorities and Providers of Education and Training to Overseas Students* established pursuant to the ESOS Act.

Higher Degree by Research or HDR means a program of research and research training leading to an award of a doctoral degree.

Home Institution means the university at which the Student will spend the majority of their time during their enrolment in the Program (normally two thirds of the Candidature)

Host Institution means the university at which the Student will spend a substantial portion of their Candidature, but less than at the Home Institution. A Student normally spends one third of the Candidature at the Host Institution.

Intellectual Property means copyright (including future copyright), trademarks, designs, patents, semiconductor or circuit layout rights, plant breeders rights, rights in respect of trade secrets and other confidential information, and all other rights generally falling within the scope of this term, whether registered or unregistered and whether registrable or not.

Policies means the legislation, policies and procedures governing the HDR award at either institution.

Program means the cotutelle program established by this Agreement

Student means a person enrolled in the Program at both institutions under this Agreement.

Student Agreement means a form executed at the time of enrollment in the Program by the parties and the Student setting out the details of the Student's HDR, including the matters set out in clause 6.

Student Project means the program of research carried out by the Student whilst enrolled in the Program under this Agreement.

Supervisor means the academic staff of a party involved in the supervision of a Student's studies under the Program.

Work Safety Plan means a written report

- (a) identifying any health and safety hazards of the Student Project, with specific reference to biosafety (including genetically modified organisms), chemical safety, field work, physical plant and process hazards and radiation;
- (b) assessing the risks associated with the Student Project; and
- (c) putting in place appropriate control measures to minimise the assessed health and safety risks

Interpretation

1.2 In this Agreement, unless the context requires otherwise, a reference to:

- (a) a clause or schedule is a reference to a clause of or schedule to this Agreement;
- (b) this Agreement includes any schedules and attachments;
- (c) a document or agreement, including this Agreement includes a reference to that document or agreement as revised, altered or replaced from time to time;
- (d) unless otherwise noted 'dollars' or '\$' is a reference to Australian dollars;
- (e) a business day means a day other than a Saturday or Sunday on which banks are open for business in the jurisdiction of the recipient of a Notice or of a party performing an obligation under this Agreement, and if the day on which a thing is to be done under this Agreement is not a business day, it must be done on the next business day;
- (f) any law or legislation includes any statutory modification or amendment of that law or legislation and any subordinate legislation or regulations made under that law or legislation;
- (g) writing includes typewriting, printing, photocopying and any other method of representing words, figures or symbols in a permanent visible form;
- (h) the word 'include' or 'including' is to be interpreted without limitation;
- (i) the singular includes the plural and the plural includes the singular; and
- (j) a gender includes all genders.

1.3 If a word or phrase is given a defined meaning, other grammatical forms of that word or phrase have a corresponding meaning.

1.4 Headings are for reference only and do not affect the meaning of this Agreement.

- 1.5 This Agreement may not be interpreted adversely to a party only because that party was responsible for preparing it.

2. Effective Date and Duration of Agreement

- 2.1 This Agreement takes effect on the date it is signed by the last of the parties and remains in effect for a period of five (5) years from that date unless terminated earlier pursuant to clause 13.4 or 13.5, subject to the provisions of clause 13.6.
- 2.2 The parties may agree in writing to extend the duration of this Agreement.

3. Management

- 3.1 Each party will appoint a representative (Representatives), who will communicate regularly and no less than once annually. The initial Representatives are identified in Item 2 of the Schedule.
- 3.2 The role of the Representative is to
- (a) review the operation of this Agreement;
 - (b) review the progress of the Program on an annual basis;
 - (c) exchange feedback between the parties; and
 - (d) provide feedback and recommendations to their respective institutions.

4. Principles of Program

- 4.1 The parties agree to establish a program for the co-supervision, exchange and assessment of HDR students. The principles set out in this clause will govern the Program.
- 4.2 The parties will, in each year of this Agreement, endeavour to will admit into the Program the number of student set out in Item 3 of the Schedule.

Admission

- 4.3 An applicant for selection into the Program may either:
- (a) be enrolled in the home institution first in accordance with that institution's admission requirements, including language proficiency, followed by enrolment in the host institution within the first year of the doctoral program or;
 - (b) be enrolled in the doctoral program simultaneously at both institutions in accordance with each institution's admission requirements, including language proficiency.
- 4.4 An applicant who has completed one (1) or more years (full-time equivalent) of their doctoral program is not normally eligible for selection into the Program.
- 4.5 Applicants who have already commenced a doctoral program at one institution must be in good academic standing at that institution when applying to and on selection into the Program.

- 4.6 NCHU acknowledges that Deakin must comply with various Australian Trade and Sanction Laws which may prohibit Deakin from providing educational services to certain persons or classes of persons. Deakin will inform NCHU if Australian Trade and Sanction Laws impact on any applicant to the Program or any student enrolled in the Program under this Agreement.
- 4.7 An applicant selected into the Program will be enrolled as a higher degree by research student at each institution and will remain enrolled at each institution throughout the Program.
- 4.8 Each institution must maintain student records for the Student in accordance with its own Policies and provide copies to the other institution upon request.

Student Agreement

- 4.9 On selection of the Student into the Program, the Student and the parties will jointly develop an agreement setting out the terms of the Student's participation in the Program. The Student Agreement will address the matters set out in clause 6, must be approved in writing by each principal Supervisor named in the Student Agreement and must be executed by the Student and by an authorised officer of each institution.

Residency

- 4.10 A Student must spend at least one-third of the total period of study at each institution. The institutions may agree to a greater or lesser division of time between them if they agree that it is in the Student's best interests. For the purposes of this clause 4.10, any period of time in which the Student is engaged in doctoral study as contemplated by clause 4.4 is included in the total period of study.
- 4.11 A Student must abide by the applicable Policies of each institution, and while in residence must abide by the Policies applicable to and have the same rights and privileges as are granted to other students in residence at that institution.
- 4.12 Each institution at which the Student is in residence must prepare with the Student a Work Safety Plan to cover the conduct of the Student Project at that institution, which must be approved by both principal Supervisors. The Work Safety Plan must identify any health and safety hazards of the Student Project, with specific reference to biosafety (including genetically modified organisms), chemical safety, field work, physical plant and process hazards and radiation, assess risk associated with the Student Project; and put in place appropriate control measures to minimise the assessed health and safety risks.
- 4.13 Each institution will provide the necessary documentation (where applicable) to enable the HDR student to make application for a student visa.

Fees

- 4.14 The Student must not be required to pay tuition fees (being fees charged to an enrolled student for access to instruction and educational resources) to more than one institution at a time, although the institution at which a Student is in residence may charge student fees (being student union and amenities fees) during the period of residency.

Benefits for Student

- 4.15 If there is a conflict between the Policies of the two institutions with respect to a Student's leave entitlements (including maternity, parental and adoption leave), or intermission, a Student will be entitled to the most generous benefits, subject to the requirements of any external scholarship held by the Student.
- 4.16 Each institution must make available to Students the same access to support, benefits and infrastructure that it would apply to students registered solely at that institution including, without limitation access to

(a) its complaints processes; and

(b) appropriate advocacy support

whilst in residence at that institution.

Academic Progress

- 4.17 Each Student must satisfy the academic and other requirements of both institutions, including a period of provisional Candidature where required by the Policies of an institution.

Academic or Research Misconduct

- 4.18 A Student is subject to the Policies of both Institutions with respect to academic and research misconduct. Any allegation of academic misconduct or research misconduct must be reported to both Institutions and the parties must agree upon a process to deal with the allegation that satisfies the requirements of both institutions' Policies.

Thesis Examination

- 4.19 The Student will be required to submit a single thesis to both institutions at the same time. The thesis must be written in English. If required, an abstract must be provided in the language designated by NCHU.
- 4.20 The procedure for submission, identification and reproduction of a thesis, as well as authorisation to defend it, must comply with the Policies of both institutions.
- 4.21 The examination of the thesis must comply with the Policies of each institution. Examiners' reports must be provided in English.

Procedure at Deakin

- 4.22 One set of the thesis will be submitted and examined according to the Higher Degrees by Research, policies, procedures and guidelines at Deakin University. Deakin's Thesis Examination Committee will appoint three external examiners, on the recommendation of the principal supervisor at Deakin made after consultation with the candidate and the candidate's supervisors.

Procedure at Academic Partner

- 4.23 One set of the thesis will be submitted and examined according to the Policies of NCHU.

Oral Defence of Thesis

- 4.24 The thesis will generate only one oral defence and only one defence report.
- 4.25 The date of the defence, if required, will be agreed upon by the principal Supervisors of the thesis who will then notify the relevant heads of their respective institutions.
- 4.26 If the thesis is successfully defended, the Institution at which the defence takes place will transmit a copy of the complete defence file to the other Institution.

Student Agreement

- 4.27 Each Institution's requirements for the examination and oral defence of the thesis will be set out in the Student Agreement.

5. Award

- 5.1 On the Student satisfying all requirements and obtaining all internal approvals for the conferral of the degree at each institution, each institution will award the Student with an HDR degree.
- 5.2 A decision by one institution not to confer an award does not preclude the other institution from conferring the award, however that award must not refer to this Agreement or the Program, or imply that the other institution has approved the conferral of the award.

Testamur

- 5.3 Subject to clause 5.2, two separate testamurs, diplomas or certificates will be conferred on a Student who has successfully completed the Program and each must note that the doctoral award is conferred under a jointly supervised HDR program between the parties.

Accreditation and Cooperation

- 5.4 Each party is responsible for maintaining the registration and accreditation of its doctoral award, it being the parties' shared intention that the award will be recognised in both jurisdictions.
- 5.5 Each institution will comply with any request for further information made by the other institution (acting reasonably), or any governmental agency overseeing accreditation and regulation of doctoral programs.

6. Student Agreement

- 6.1 The Student Agreement must include at a minimum
- (a) designation of a Home University and a Host University;
 - (b) the appointment of the two principal Supervisors;
 - (c) designation of other members of the supervisory committee, if any;
 - (d) a description of the research topic;
 - (e) facilities and specialised equipment required to undertake the research and arrangements for their provision;
 - (f) the language of instruction at each institution;
 - (g) identification of degree requirements beyond the thesis (e.g. postgraduate courses, research training, or comprehensive examinations);
 - (h) requirements for confirmation of Candidature;
 - (i) responsibility for ethics training and approvals and for risk management;
 - (j) financial details, including payment of tuition fees and student fees, and any provisions for the financial support of the Student by way of scholarship, stipend or travel grant;
 - (k) provisional timetable for division of time between Deakin and NCHU;
 - (l) requirements for health and travel insurance and visas;

- (m) provisions for ownership and licensing of Intellectual Property and for publication;
- (n) leave benefits available to the student and required approvals from each institution;
- (o) a preliminary schedule for progress reports and annual reviews at each institution;
- (p) that the thesis will be written in English with provision for a substantial summary to be written in the language of INCHU if that language is not English;
- (q) provisions for the submission and examination of the thesis which must meet the requirements of each institution;

7. Responsibilities of Students

Each party undertakes to inform Students that, unless explicitly identified as financial support to the Student in the Student Agreement, Students are responsible for the following expenses:

- (a) tuition fees;
- (b) amenities and services fees and other incidental fees and charges;
- (c) travel expenses;
- (d) insurance, including medical and travel insurance, noting that Students coming to Australia are required to fulfil Australian Governmental regulations by purchasing overseas student health cover before applying for an Australian visa;
- (e) accommodation and living expenses;
- (f) all costs associated with applying for and obtaining appropriate visas and travel documentation;
- (g) purchasing textbooks; and
- (h) all debts incurred by them during the course of their study.

8. Intellectual Property

8.1 Each party

- (a) retains ownership of its Intellectual Property existing prior to this Agreement or generated independently of this Agreement (Background Intellectual Property), and
- (b) grants to the other party (Grantee) a non-exclusive, non-transferable, royalty-free licence to use the Background Intellectual Property that it, in its discretion, contributes to the Program to the extent necessary to perform the Grantee's obligations in accordance with this Agreement.

8.2 Ownership of Project Intellectual Property does not affect the Student's ownership of copyright in their thesis.

9. Confidentiality and Privacy

Confidentiality

- 9.1 The parties agree to keep confidential all Confidential Information of another party. The parties will not, without the written consent of a party to whom Confidential Information belongs:
- (a) use the Confidential Information other than for the purposes of performing its obligations under this Agreement; or
 - (b) directly or indirectly disclose the information to any third party, beyond those reasonably involved in the performance of this Agreement.
- 9.2 A party will not be in breach of clause 9.1 where Confidential Information is required by law or regulation to be disclosed, provided that the party required to make disclosure promptly notifies the party who has made the Confidential Information available, to allow the latter party to assert whatever exclusions or exemptions may be available to it under such law or regulation.
- 9.3 On termination or expiry of this Agreement each party must return all Confidential Information in its possession or control to the owner of such Confidential Information and permanently delete all such Confidential Information stored electronically.
- 9.4 Each party will assume responsibility for the actions of its Key Personnel, employees, agents and sub-contractors who have access to the Confidential Information from time to time and must ensure that they are aware of and strictly bound by the confidentiality obligations created under this Agreement.

Privacy

- 9.5 Each party will manage Personal Information in accordance with applicable privacy legislation and will obtain from the Student their consent to sharing of the Student's personal information to facilitate management of the Student's Candidature under this Agreement.

10. Insurance

- 10.1 Each party will effect and maintain the following insurances for the duration of this Agreement:
- (a) public liability and professional indemnity insurance cover appropriate and sufficient to cover the activities of that party anticipated under the terms of this Agreement; and
 - (b) workers' compensation insurance as required under applicable workers' compensation legislation for its employees; and
- will provide, when requested by another party, evidence of the insurances effected under this clause 10.
- 10.2 The effecting of insurance as required under this clause will not in any way limit the obligations or responsibilities of the parties under this Agreement.

11. Notices

- 11.1 A notice, demand or consent (Notice) given to a party under this Agreement is only effective if it is in writing and sent in one of the following ways:

- (a) delivered or sent by prepaid post or electronic message to that party at its address and marked to the attention of the Representative set out in Item 2 of the Schedule,
 - (b) faxed to that party at its fax number and marked to the attention of the Representative set out in Item 2 of the Schedule.
- 11.2 Subject to clause 11.3 a Notice given for any purpose under this Agreement is taken to be received:
- (a) if hand delivered, on delivery;
 - (b) if sent by prepaid post, three (or in the case of a Notice sent to another country, nine) business days after the date of posting;
 - (c) if sent by facsimile, when the sender's facsimile system generates a message confirming successful transmission of the total number of pages of the Notice;
 - (d) except for a notice under clause 1.3, if sent by electronic message, when the sender receives an automated message confirming delivery, or eight hours after the message has been sent, unless the sender has received an automated message that the electronic message was not delivered or the sender knows or should reasonably know that there is a network failure which may have resulted in non-delivery.
- 11.3 If any Notice is given on a day that is not a business day or after 5.00pm on a business day, in the place of business of the receiving party, it is to be treated as having been given at the beginning of the next business day.
- 11.4 If a party gives the other party three business days' notice of a change of its address or fax number, a Notice is only effective if it is given to that party at the latest address or fax number.

12. Dispute Resolution

- 12.1 If a dispute arises in relation to any matter under, or the meaning, intent or application of any part of this Agreement, the parties agree to undertake the procedure in this clause 12 before resorting to arbitration, litigation or some other form of dispute resolution procedures.
- 12.2 A party alleging a dispute must give the other party notice in writing setting out all details of the dispute.
- 12.3 On receipt of a notice under clause 12.2 the nominated senior representatives of both parties must meet within five business days and, acting reasonably and in good faith, do their best to resolve the dispute through negotiation.

Mediation

- 12.4 If the parties do not resolve the dispute within 45 days receipt of a notice under clause 12.2, then a party may notify the other party in writing that the matter must be referred to a mediator to be nominated in accordance with the ICS Mediation Rules. The number of mediators shall be one, the place of the mediation shall be Singapore and the language of the mediation shall be English.
- 12.5 Any person is entitled to appear before the mediator or on any matter respecting the mediation by teleconference, videoconference, or any similar electronic means.
- 12.6 The costs of the mediator will be borne equally by the parties.

Urgent Relief and Termination

- 12.7 Despite the existence of a dispute, each party must continue to perform its obligations under this Agreement.
- 12.8 This clause 12 does not restrict or limit the right of either party
- (a) to obtain interlocutory relief; or
 - (b) to immediately terminate this Agreement, where this Agreement provides such a right.

13. Withdrawal and Termination

Withdrawal with respect to specific Student

- 13.1 An institution may withdraw from co-supervision of a Student if
- (a) that Student is excluded/expelled from that institution for unsatisfactory academic progress; or
 - (b) the principal Supervisor appointed by that institution is not available to continue to supervise the Student and a comparably qualified replacement reasonably acceptable to the other institution and the Student is not available.
- 13.2 In the case of an institution withdrawing from co-supervision of a Student for any reason, written notification should be sent to the other institution within one month explaining the decision and the institutions must promptly communicate to consider the impact of the withdrawal on the student's academic progress at the continuing university.
- 13.3 If the Student requires access to existing intellectual property of the withdrawing institution in order to complete their thesis, the institutions will enter into good faith negotiations to make that existing intellectual property available on reasonable terms and subject to reasonable obligations of confidentiality.

Termination of Agreement

- 13.4 Either party may terminate this Agreement by providing a minimum of six (6) months written notice to the other party, or such shorter period as the parties may agree upon in writing.
- 13.5 Either party may terminate this Agreement immediately if the other party.
- (a) commits a material breach of this Agreement which is unable to be rectified;
 - (b) fails to rectify a breach of this Agreement within 30 days of receiving a written notice specifying the breach to be rectified.
- 13.6 Students who have commenced the Program at the date of termination of this Agreement will be permitted to complete the Program, and the obligations of a party in respect of such Students as specified in this Agreement will continue until the Student has completed the Program in compliance with the legislation of each party.
- 13.7 Any terms of this Agreement which, by their nature, are continuing will survive the termination or expiry of this Agreement. Without limitation, clauses 1, 8, 9, 13.3, 13.6 and 14 survive the expiry or termination of this Agreement.

14. Use of Name and Logo

A party will not use, nor permit any person or entity to use, the name or logo or any variation of the name and logo of the other party without prior written approval of an authorised representative of that party.

15. ESOS Act Compliance

15.1 NCHU will not do or allow anything to be done that would lead to a breach of Deakin's obligations under the ESOS Act.

15.2 Without limiting the scope of clause 15.1, for the term of this Agreement neither institution will:

- (a) participate in false or misleading advertising or promotional practices about the other party;
- (b) use, or permit any person or entity to use the name or logo (or any variation thereof) of the other party without first obtaining prior written consent;
- (c) offer to students any guarantee of admission or make any representations about the other institution;
- (d) make any false or misleading comparisons with other education providers and their courses;
- (e) make any inaccurate claims of association with other education providers; or
- (f) give inaccurate information to a prospective student about fees and charges payable.

16. Miscellaneous

Entire Agreement

16.1 This Agreement constitutes the entire agreement between the parties as to its subject matter. It supersedes all prior understandings or agreements between the parties and any prior condition, warranty, indemnity or representation imposed, given or made by a party in connection with that subject matter.

Variation

16.2 This Agreement may only be altered or varied in writing signed by each of the parties.

Waiver

16.3 A waiver of any right under this Agreement must be in writing signed by the party granting it. A waiver is only effective in relation to the particular obligation or breach for which it is given. It is not to be taken as an implied waiver of any other obligation or breach or an implied waiver of that obligation on any other occasion.

16.4 The fact that a party fails to do, or delays in doing, something the party is entitled to do under this Agreement does not amount to a waiver.

16.5 A party may not assign or transfer any of its rights or obligations under this Agreement without the prior written consent of the other party.

Severability

- 16.6 Part or all of any clause of this Agreement that is illegal or unenforceable in any jurisdiction will be severed in the relevant jurisdiction and the remaining provisions of this Agreement will continue in force. The legality or enforceability of the provision in any other jurisdiction will not be affected.

Meetings

- 16.7 If the parties are required to meet or convene a committee, the meeting or committee may take place in person, or by electronic means such as teleconference or videoconference and decisions may be made and documented by circulation.

Costs

- 16.8 Except as otherwise set out in this Agreement, each party must pay its own costs and expenses in relation to preparing, negotiating, executing and completing this Agreement and any document related to this Agreement.

Execution of this Agreement

- 16.9 This Agreement is properly executed when:
- (a) each party has executed this document; or
 - (b) If the parties execute separate but identical documents, when those separately executed documents are exchanged between the parties, including by mail, facsimile transmission or electronically.
- 16.10 If this Agreement is executed in counterparts, the date of this Agreement is the date on which it is signed by the last party.

Schedule

Item 1 – Academic Partner

Name National Chung Hsing University
Address No.145, Xingda Road, Southern District, Taichung City, Taiwan

Item 2 – Initial Representatives

For Deakin Professor Julie Owens
Deputy Vice-Chancellor Research
Deakin University
1 Gheringhap Street
Geelong VIC 3216
Australia
Email: dvc@deakin.edu.au

For Academic Partner Professor Gou-Jen Wang
Dean, College of Engineering
National Chung Hsing University
No. 145, Xingda Road
Southern District, Taichung City
Taiwan
Email: gjwang@dragon.nchu.edu.tw

Item 3 – Indicative student enrolments

Year	Deakin home students	NCHU home students
2020	2	2
2021	3	3
2022	3	3
2023	3	3
2024	3	3