

DATED _____ **2018**

**Cooperative Agreement for a Dual Degree Program
between
The National Sun Yat-sen University, Kaohsiung, Taiwan
& The Bogor Agricultural University, Bogor, Indonesia**

This Agreement is made on 2018

National Sun Yat-sen University at Kaohsiung, Taiwan, R.O.C. ("**NSYSU**") and the **Bogor Agricultural University** at Bogor, Indonesia ("**IPB**"), both Parties (Party or Parties, as the case maybe) have agreed to established a Dual Degree Program under the following terms and conditions:

Purposes

The Parties have agreed to collaborate in the provision of a Dual Degree Program between Department of Marine Biotechnology and Resources, NSYSU & Department of Marine Science and Technology, IPB for the award of a dual Master's Degree in Marine Science. This Agreement is to formalize such bilateral relationship for such Program in the framework of studies in marine sciences.

The Parties are responsible for the quality of learning and the degree offered under this Program.

Use of terms

In this agreement the following words and expressions have the following meanings, unless the context otherwise requires:

Academic Year	means start at the beginning of August of any calendar year to 31 July of the following calendar year.
Confidential Information	means all secret or confidential commercial, financial and technical information, know-how, trade secrets, inventions, computer software and any other information in any form or medium, whether disclosed orally or in writing, together with all reproductions in any form or medium, and any part(s) of it;
Course means	means the courses offered by Department of Marine Biotechnology and Resources;
Module	means the courses offered by Department of Marine Science and Technology, IPB;
Course Specification	means the definitive course documentation for each course;
Credits	means the unit of measurement of academic progress;
Dual Degree	means the dual Master's Degree in Marine Sciences offered by Department of Marine Biotechnology and Resources, NSYSU and Department of Marine Science and Technology, IPB;
Force Majeure	means any event outside the reasonable control of either Party affecting its ability to perform any of its obligations (other than payment) under this Agreement;

Home Institution	means the institution at which a student is formally enrolled and tuition fees are paid;
Host Institution	means the institution to which a student is hosted;
Intellectual Property	means all inventions, patents, trademarks, registered designs and any pending applications for any of the foregoing, unregistered design rights arising at common law, design rights, copyrights (including future copyrights), database rights, know-how, trade secrets, confidential Information and any other intellectual property rights;
NSYSU Course	means master degree (offered through department of marine biotechnology and resources); The student must complete the prerequisite courses and minimum number of 30 credits.
IPB Course	means master degree offered by marine science graduate study program, department of marine Science and technology, Faculty of Fisheries and Marine Sciences (ITK IPB). IPB courses are the equivalent of 44 credits;
Compulsory course	means a course which must be passed in order to complete the requirements of this Program;
Regulations	means either Party's general, academic and quality assurance regulations and procedures from time to time in force, as applicable to its Course;
Student(s)	means a student or students registered on a course at both university;
Student Handbook	means the student handbook for each course from time to time in force;
Semester	means a period of study of 14 teaching weeks plus 2 examining weeks at IPB or 18 teaching weeks at NSYSU;
Tuition Fees	the fee paid by the student only on their home Institution to enable the student to undertake the courses both in IPB and NSYSU.
Reciprocal	means equality that benefits both Parties between IPB and NSYSU in terms of academic, supervision, evaluation, curriculum, fee, and property rights

Structure of the Courses

The IPB course and the NSYSU course shall be delivered independently by the Parties in English.

Students registered on the IPB course shall study 11 modules equivalent to 21 credits to be completed in Semester 1 and 2. Such students shall be eligible for an IPB award specified in the IPB course specification and, subject to the requirements of NSYSU (20 credits=11 modules), shall also be eligible for the award issued by NSYSU on successful completion of both courses.

NSYSU students during study on the IPB course shall study modules equivalent to 19 credits to be completed in semester 2 and 3 at IPB. The students shall study following modules including Integrated Field Work, Thesis Proposal, and Colloquium equivalent to 9 Indonesia credits points to be completed in semester 2 and also the Cultural Course in this semester. Upon successful completion of semester 2, the students shall undertake 3 modules equivalent to 7 Indonesia credits points, Scientific Publications (2 credits), and Seminar (1 credits). Such students shall be eligible for an IPB award specified in the IPB course specification, and subject to the requirements of NSYSU, shall also be eligible for the award issued by NSYSU on successful completion of both courses. NSYSU student shall completion 10 credits in semester 4 in NSYSU (Thesis and Exam).

IPB students during study on the NSYSU course shall study courses equivalent to 20 credits from 5 compulsory courses and 6 optional courses to be completed in semesters 1 (odd semester) and 4 at NSYSU (even semester). And an extended 5th semester may need for students to obtain 10 credits of three compulsory modules including Scientific Publications (2 credits), Thesis (6 credits), Thesis Exam (2 credits) if they are unable to obtain during the 4th semester. Such Students shall be eligible for the NSYSU award specified in the course specification and, subject to the requirements of IPB, shall also be eligible for the award by IPB on successful completion of both Courses.

NSYSU students shall study courses equivalent to 21 credits including 5 compulsory courses and 6 optional courses to be completed in semesters 1 and 4 at NSYSU. NSYSU Thesis (6 credits) is compulsory course of NSYSU and thesis Exam (2 credits) is a compulsory module of IPB, which can be took place during 4th semester or an extended 5th semester. Such students shall be eligible for the NSYSU award specified in the course specification and, subject to the requirements of IPB, shall also be eligible for the award by IPB on successful completion of both courses.

Degree Requirements

- (a) Research for the thesis by students participating in the dual award shall be supervised jointly by both Parties. The Parties shall sign a joint supervision agreement which shall stipulate the requirements of supervision by both Parties.
- (b) The Thesis shall be presented as being completed under joint supervision by the Parties.
- (c) The Parties shall conduct a joint oral skype presentation with each Student on successful submission of their Thesis. The Presentation by the student shall take place at either NSYSU or IPB.
- (d) There shall be at least four (4) academic staff members (Two academic staff members from each Party), including the student's research supervisor present at the Presentation.
- (e) A record of the presentation is required for certification (the presentation shall be recorded).
- (f) The presentation shall be governed by the relevant regulations of the Party where the presentation takes place.

The IPB and NSYSU course of study is set up on a semester basis. The course of study for both IPB and NSYSU students shall be as set out below:

Student 學生 學期 Semester Trimester	NSYSU students 中山大學學生	IPB students 茂物農業大學學生
1	At NSYSU, Compulsory course offered by different divisions (2 credits) Seminar (Compulsory, 2 credits) Independent study offered by different divisions (2 credits) Special topics in coral resources (English, 2 credits) Teaching practice (Compulsory, 1 credit)	At IPB, PPS500 English (3 credits *obligatory but not counted) ITK503 Quantitative Analysis of Marine Biophysics (3 credits) ITK51A Marine Biogeography (2 credits) ITK52A Descriptive Oceanography (2 credits) Choice3: ITK611 Marine Ecology (3 credits) Total = 10 credits

Student 學生 學期 Semester Trimester	NSYSU students 中山大學學生	IPB students 茂物農業大學學生
	Total = 9 credits	
2	At IPB. ITK51C Marine Bioevolution (2 credits) ITK51D Marine Biosystematics (2 credits) ITK60A Thesis Proposal (2 credits) ITK51E Integrated field work (2 credits) ITK601 Colloquium (1 credit) Total = 9 credits	At IPB, ITK51C Marine Bioevolution (2 credits) ITK51D Marine Biosystematics (2 credits) ITK51E Integrated field work (2 credits) ITK60A Thesis Proposal (2 credits) ITK501 Scientific Methods (2 credits) ITK601 Colloquium (1 credit) Total = 11 credits
3	At IPB, ITK503 Quantitative Analysis on Marine Biophysics (3 credits) ITK51A Marine Biogeography (2 credits) ITK52A Descriptive Oceanography (2 credits) ITK60B Scientific Publications (2 credits) PPS690 Seminar (1 credit) Total = 10 credits	At NSYSU, Compulsory course offered by different divisions (2 credits) Seminar (Compulsory, 2 credits) Independent study offered by different divisions (2 credits) Special topic in coral resources (English, 2 credits) Teaching practice (Compulsory, 1 credit) Total = 9 credits
4	At NSYSU, Compulsory course offered by different divisions (2 credits) Seminar (Compulsory, 2 credits) Independent study offered by different divisions (2 credits) Marine molecular ecology (English, 2 credits) Special topics in physiology and ecology in marine (English, 2 credits) Molecular targets and natural product development (English, 2 credits) Total 12 credits	At NSYSU, Compulsory course offered by different divisions (2 credits) (writing publication and draft theses) Seminar (Compulsory, 2 credits) Independent study offered by different divisions (2 credits) Marine molecular ecology (English, 2 credits) Special topics in physiology and ecology in marine (English, 2 credits) Oceanography cruise practice (1 credit) Total = 11 credits
5	At NSYSU (If needed) Thesis (6) and Thesis Exam (2) can be took place during semester 4. NSYSU Thesis (6 credits) ITK 60C Thesis Exam (2credits) Thesis exam (with oral presentation via Skype) Total (8 credits)	At IPB (If needed) Scientific Publications (2 credits), Thesis (6 credits), Thesis Exam (2 credits) can be took place during semester 4. ITK60B Scientific Publications (2 credits) ITK 609 Thesis (6 credits) ITK 60C Thesis Exam (2 credits) Thesis exam (with oral presentation via Skype) Total (10 credits)
Original Graduation Requirements	NSYSU students: Study period: Between one to four years in accordance with Ministry of Education rules (not including deferred admission and suspension).	IPB students Study period: Between two to four years in accordance with Ministry of Research, Technology and Higher Education rules (No. 49 Tahun 2014).

Student 學生 學期 Semester Trimester	NSYSU students 中山大學學生	IPB students 茂物農業大學學生
	<p>Academic credit system and study requirements:</p> <ol style="list-style-type: none"> 1. The student's course selection requires the approval of the supervising professor and head of department. 2. The student must complete the prerequisite courses and minimum number of credits (24 credits). <p>Selection and appointment of the supervising professor: The student shall select a full-time faculty member of the Department as his/her supervising professor. If an outside faculty-member is required as the co-advisor then the consent of the supervising professor is required.</p> <p>3. Master's degree examination: Semester definition: Semester 1 is from August 1 of each year through to January 31 of the following year. Semester 2 is from February 1 through to July 31 of each year.</p> <p>(1) Research students must satisfy requirements on prerequisite courses and minimum credits for graduation to be recommended by the supervising professor to take the degree examination.</p> <p>(2) Those who fail their degree examination and have not yet reached their study period limit may re-sit the exam in the following semester or academic year. They may only retake the exam once and those who still fail to pass shall be directed to withdraw from the program in accordance with Article 75, Paragraph 3 of the University's Academic Regulations.</p> <p>4. Graduation: Those who meet the various requirements described above may apply for graduation.</p>	<p>Academic credit system and study requirements:</p> <ol style="list-style-type: none"> 1. The student's course selection requires the approval of head of Study Program 2. Selection and appointment of the supervisor: The student shall select a full-time staff member from the Study Program as his/her main supervisor. The Student has to select co advisor minimum one and maximum two person with doctoral qualification either from IPB or outside. 3. Master's degree examination: Semester definition: Semester 1 is from August of each year through to January of the following year. Semester 2 is from January to July of each year. <p>Student have to complete the final exam which include proposal, colloquium, publication, seminar, and thesis exam to completed the degree</p> <p>If they fail the thesis exam, they can re-exam twice at the same semester or the following semester. If they fail again, they have to drop out from the study program.</p> <p>(3) Graduation: Those who meet the various requirements described above may apply for graduation.</p>

Course management and quality assurance

(a) Each party shall host five (5) students each academic years from the other Party.

(b) Applications must be submitted to both Parties before April 30th every year for administrative process. This dual award program is expected to begin in the fall semester, (September) 2019.

(c) IPB shall retain overall responsibility for the academic quality of IPB's course provided to students. IPB's academic board has ultimate authority for all academic matters relating to the IPB course.

(d) NSYSU shall retain overall responsibility for the academic quality of the NSYSU courses provided to students. NSYSU's academic board has ultimate authority for all academic matters relating to the NSYSU programme.

(e) The Parties shall operate each course in accordance with the relevant regulations and course specifications. No changes shall be made to a course except by agreement between the Parties.

(f) The assessment of students shall be carried out in accordance with the regulations of the Party delivering the course.

(g) In the event that NSYSU students studying at IPB fail IPB modules, NSYSU students shall be offered the opportunity to submit second attempt assessment work from overseas electronically.

(h) In the event that IPB students studying at NSYSU fail NSYSU modules, IPB students shall be offered the opportunity to submit second attempt assessment work from overseas electronically.

(i) Each Party shall ensure that staff engaged in the delivery or support of a course are suitably qualified and possess the skills and experience appropriate to the course.

(j) Each Party shall have the opportunity to send a representative to the examination board which takes place at each university in respect to the courses. Such attendance shall be agreed between the Parties. IPB shall, on dates to be agreed between the Parties, send a representative to NSYSU at least once yearly to review and discuss the course.

(k) Each Party shall bear its own costs and expenses (including, but not limited to, administration, transport, accommodation, subsistence and all other expenses) incurred in connection with this Agreement.

Resources

(a) Both Parties shall provide suitable teaching and learning facilities for the delivery of the Courses, together with academic and pastoral support services for Students as set out in the relevant student handbook.

(b) Each Party shall provide reasonable assistance to the other Party to support the delivery of each course, including providing access to any on-line resources for staff engaged in the delivery of the courses, and considering opportunities for joint staff development.

Students

(a) The admission requirements for each course are set out in the relevant course specifications for each Party. Applications by students must be submitted to the home institution and both Parties commit to selecting students who possess the admission requirements for both courses. Student (IPB/NSYSU) who applies this program must hold an IELTS score of between 5 and 6.5.

(b) Each Party shall be responsible for the recruitment and admission of students onto its course, in accordance with their Regulations.

(c) Prior to registration, each Party shall inform Students of the responsibilities of both Parties and the student. Each student shall also be provided with a copy of or a link to the relevant Student Handbook.

(d) Students registered on the IPB course shall be registered as students of both IPB and NSYSU for the duration of the full course.

(e) Students must complete the dual award within the time period for study required by both institutions. For NSYSU students must complete within a period of 1-4 academic years and for IPB students shall

complete within a period of 5 semesters. If students require a suspension of studies or wish to withdraw from the dual award, they must apply to do so in accordance with the relevant regulations.

Students registered at IPB shall be:

- (a) subject to the IPB's assessment regulations and any other regulations relevant to assessment of their course, including the procedures relating to academic appeals and academic misconduct;
- (b) subject to the IPB's student disciplinary procedures;
- (c) entitled to address complaints to IPB in accordance with the IPB's student complaints procedure.

students registered at NSYSU shall be:

- (a) subject to NSYSU's assessment regulations and any other regulations relevant to assessment of their course, including the procedures relating to academic appeals and academic misconduct;
- (b) subject to NSYSU's student disciplinary procedures;
- (c) entitled to address complaints to NSYSU in accordance with NSYSU's student complaints procedure.

Students are solely responsible for arranging their own financial support for the duration of their time of study and for meeting all other expenses at host Institution, other than tuition fees.

It is the student's responsibility (where required) to ensure that for the duration of their studies, he/she meets any formal entry and (where appropriate) extension requirements of appropriate immigration regulations. With regard to entry into the Indonesia, the student may be required to provide the Indonesian Visas and immigration control authorities with appropriate documentary evidence to confirm their status.

Students shall be provided with assistance in finding appropriate in-campus accommodation.

Students registered on either course shall be entitled to attend awards ceremonies at both the IPB and NSYSU on successfully completing the courses.

For students satisfying the academic requirements of both courses, the following awards shall be conferred:

For students successfully complete the program, IPB shall grant the MSc degree in marine science.

For students successfully complete the program, NSYSU shall grant the MS degree from the department of marine biotechnology and resources.

Each Party shall inform the other Party in writing as soon as reasonably possible if a student withdraws from a course or submits a complaint in connection with a course.

IPB students are required to submit a copy of an insurance plan that covers medical treatment within their study period at NSYSU. Otherwise, students are required to join the insurance plan arranged by NSYSU and pay the insurance fee.

Information about the Courses

Each Party shall be responsible for promoting and marketing its course and for providing information requested by prospective students.

All publicity and marketing materials relating to the course must comply with the Parties' guidelines and must be agreed in writing by both Parties prior to publication.

During the continuation of this agreement each Party may use the other's name and logo in connection with the courses but in doing so must comply with any requirements as to the use of that name or logo notified to it by the other Party, and shall forthwith on demand by the other Party cease any use of that name or logo which the other Party believes is damaging to its reputation.

Neither Party shall do anything which, in the reasonable opinion of the other, would damage the other's reputation and/or business.

Ownership of Intellectual Property

(a) Unless otherwise agreed all materials relating to a course (and any Intellectual Property rights in such materials), whether in existence at the date of this agreement or created during the course of it, shall belong to the Party creating it.

(b) If any materials relating to a course are created jointly by both Parties, those materials (and any intellectual property in such materials) shall be owned jointly by both Parties.

(c) If either Party becomes aware of any potential infringement of the other Party's name, logo or intellectual property rights, or becomes aware of any allegation that any of the Party's materials infringe the rights of a third Party, it shall immediately inform the other Party. Each Party shall provide the other with such reasonable assistance as the other may request in connection with any action it may take in respect of such potential infringement.

Duration and termination of this Agreement

This agreement shall commence on August 2018 and shall continue for 3 academic years until 31 August 2021, unless terminated before that time in accordance with this clause. After this period, the agreement shall be renewed for the same or similar period subject to the joint agreement of both Parties.

Either Party may terminate this agreement:

(a) by giving to the other not less than six (6) months' notice in writing, to expire at the end of an academic Year;

(b) with immediate effect by notice in writing if the other Party commits a material breach (which may consist of a series of minor breaches) of the terms of this Agreement which (if capable of remedy) it fails to remedy within 30 days of receipt of a notice requiring such breach to be remedied;

(c) with immediate effect by notice in writing if the other Party is subject to a change of control, becomes insolvent, is unable to pay its debts as and when due or otherwise ceases to exist.

Settlement of disputes

Any disputes related to the interpretation or application of the provisions of the Agreement shall be brought to the attention of the Deans of College of Marine Sciences of the NSYSU and the Dean of the Graduate School of IPB and they shall consult with each other to find an amicable means to solve the dispute.

Required Signatures

Through submission of this form and attachments to the office of International Affairs and the Graduate School, the sponsoring college of both Parties indicates its commitment to develop this Program.

BOGOR AGRICULTURAL UNIVERSITY

By
President of Bogor agricultural University

Dr. Arif Satria, SP

Sign ()

Date (2018. 11. 13)

Dean of IPB Graduate School
Professor Anas Miftah Fauzi

Sign ()

Date (_____)

Chairman,
Department of Marine Science and Technology

Dr. Ir. I Wayan Nurjaya

Sign ()

Date (2018 - 11 - 13)

NATIONAL SUN YAT-SEN UNIVERSITY

By
President of Sun Yat-sen University

Professor Ying-Yao Cheng

Sign ()

Date (2018. 11. 13)


Dean, College of Marine Sciences
Professor Hsien-Hua Lee

Sign ()

Date (2018, 11. 13)

Chairman,
Department of Marine Biotechnology and Resources

Professor Chih-Chuang Liaw

Sign ()

Date (2018, 11, 13)

國立中山大學
及
茂物農業大學
國際雙聯學制合作同意書

本協議由以下雙方於 2018 年

簽訂：

國立中山大學 –中華民國高雄市 (簡稱 NSYSU) 以及茂物農業大學 –位於印尼西爪哇，茂物省(簡稱 IPB)，簽約雙方同意合作提供雙聯學制課程。

雙聯學制目的

國立中山大學海洋生物科技暨資源學系和茂物農業大學海洋科學與技術學系將提供學生學習機會和負責教學品質，並基於國際海洋研究框架下提供符合學術標準之碩士畢業證書。

本同意書名詞釋義

除文意另有所指外，本同意書所含下列字詞之意涵如下：

學年	從任一年之 8 月起至隔年 7 月 31 止，為期一年的期間；
機密資訊	所有的秘密，及有關商業、財務和技術的機密資訊、各種專業技能、商業機密、發明、電腦軟體和以其他任何形式呈現或媒體登載之資訊，不論以口頭透露、書面方式或以任何形式及媒體再製之全部或任何部份資訊；
課程(單數)	指國立中山大學海洋生物科技暨資源學系所開設課程；
課 程 單 元 (單數)	指茂物農業大學海洋科學與技術學系所開設課程；
學程規格	各學程之明確文件記錄；
學分	衡量學科的程度及所需時間所採用的單位；
雙聯學制	國立中山大學海洋生物科技暨資源學系和茂物農業大學海洋科學與技術學系，雙方同意合作提供之雙聯學制課程。學生能夠領取兩份以上的證明文件及完成學程之成績單以獲得雙方之碩士學位；
不可抗力	任何無法在合理的情形下控制之事件，影響到簽約一方履行本同意書義務(除款項以外)之能力稱之；
原就讀學校	學生正式就讀並付學費之教育機構；
接受外來學生之教育機構	接受學生學習某些領域課程之教育機構；
智慧財產	所有的發明、專利、商標、註冊過的設計，以及申請中之前述任一事項、一般法律規範之未註冊設計權、

	設計權、版權(包括未來版權)、數據權、專業技術、商業機密、機密資訊，和任何其他智慧財產權；
國立中山大學學程	海洋生物科技暨資源學系碩士 –畢業學分 30 學分
茂物農業大學學程	2019-2020 海洋科學碩士(海洋科學與技術學系, ITK) 提供)畢業學分 44 學分
校規	簽約任一方具有經常效力，並能適用於各校學程之通用、學術、教學品質保證之規定和程序；
學生	登記學習學程之學生；
學生手冊	各學程具有經常效力之學生手冊；
學期	茂物農業大學：16 週教學期間 中山大學：18 週學習期間；
學費	學生付給原就讀學校之費用，以修習學程；
互惠原則	兩校在學術、教育、課程、指導、與權利義務皆為對等。

學程結構

茂物農業大學和國立中山大學的學程皆各別以英文講授。

註冊於茂物農業大學學程的學生，修課模式將(同等)於第一與第二個學期在茂物農業大學共 11 門課 21 學分。第三個學期與第四學期，學生可於中山大學修滿 20 學分，此學分可抵免茂物農業大學 20 學分，學生另需於第四學期或第五學期取得 10 學分包含論文發表(2 學分)，論文撰寫(6 學分)與論文口試(2 學分)。總學及可達茂物農業大學最低修業學分。前述學生按學程規定，將有資格取得茂物

農業大學的畢業證書。又學生需按國立中山大學規定，完成課程後將有資格取得國立中山大學畢業證書。

註冊於國立中山大學學程的學生，將於第一學期在中山大學修習 9 學分。第四學期 12 學分。於第二與第三學期，學生可於茂物農業大學修滿 20 學分，此學分可抵免中山大學 20 學分，學生另需於第四學期或第五學期取得 8 學分包含論文撰寫(6 學分)與論文口試(2 學分)。前述學生按學程規定，將有資格取得中山大學的畢業證書，在滿足茂物農業大學的碩士休業條件下，完成兩校的學程亦有資格取得茂物農業大學的畢業證書。畢業論文作業方式

茂物農業大學和國立中山大學的學生之課程規劃如下：

Student 學生 學期 Semester Trimester	NSYSU students 中山大學學生	IPB students 茂物農業大學學生
1	<p>At NSYSU, Sep.-Jan.:</p> <p>海資系海洋生技及生理、海洋生物資源與海洋化學三組必修課 (2 學分)</p> <p>專題討論 (Compulsory, 2 credits)</p> <p>海資系海洋生技及生理、海洋生物資源與海洋化學三組專題研究 (2 學分)</p> <p>珊瑚資源特論 (English, 2 學分)</p> <p>教學實習(必修, 1 學分)</p> <p>Total = 9 學分</p>	<p>At IPB</p> <p>PPS500 基礎英文 (3 學分*obligatory but not counted)</p> <p>ITK503 海洋物理定量分析 (3 學分)</p> <p>ITK51A 海洋生物地理 (2 學分)</p> <p>ITK52A 海洋學 (2 學分)</p> <p>Choice3: ITK611 海洋生態學 (3 學分)</p> <p>Total = 10 學分</p>
2	<p>At IPB</p> <p>ITK51C 海洋生物演化 (2 學分)</p> <p>ITK51D 海洋系統生物學 (2 學分)</p> <p>ITK51E 野外研究 (2 學分)</p> <p>ITK501 科學研究方法(2 學分)</p>	<p>At IPB</p> <p>ITK51C 海洋生物演化 (2 學分)</p> <p>ITK51D 海洋系統生物學 (2 學分)</p> <p>ITK51E 野外研究 (2 學分)</p>

	<p>ITK601 綜合討論(1 學分)</p> <p>科學發表(2 學分)</p> <p>Total = 10 學分</p>	<p>ITK60A 論文計畫書撰寫(2 學分)</p> <p>ITK501 科學研究方法(2 學分)</p> <p>ITK601 綜合討論(1 學分)</p> <p>Total = 11 學分</p>
3	<p>At IPB</p> <p>ITK503 海洋物理學 (3 credits)</p> <p>ITK51A 海洋生物地理 (2 credits)</p> <p>ITK52A 海洋學 (2 credits)</p> <p>ITK60B 科學發表 (2 credits)</p> <p>PPS690 碩士專題討論 (1 credit)</p> <p>Total = 10 學分</p>	<p>At NSYSU</p> <p>海資系海洋生技及生理、海洋生物資源與海洋化學三組必修課 (2 學分)</p> <p>專題討論 (Compulsory, 2 學分)</p> <p>海資系海洋生技及生理、海洋生物資源與海洋化學三組專題研究 (2 學分)</p> <p>珊瑚資源特論 (English, 2 學分)</p> <p>教學實習(必修, 1 學分)</p> <p>Total = 9 學分</p>
4	<p>At NSYSU</p> <p>海資系海洋生技及生理、海洋生物資源與海洋化學三組必修課 (2 學分)</p> <p>專題討論 (Compulsory, 2 學分)</p> <p>海資系海洋生技及生理、海洋生物資源與海洋化學三組專題研究 (2 學分)</p> <p>海洋分子生態學 (English, 2 學分)</p> <p>海洋生物生理生態學 (English, 2 學分)</p> <p>分子標靶與天然物開發 (English, 2 學分)</p> <p>Total =12 學分</p> <p>論文口試可以在中山大學或茂物農業大學以視訊完成</p>	<p>At NSYSU</p> <p>海資系海洋生技及生理、海洋生物資源與海洋化學三組必修課 (2 學分)</p> <p>專題討論 (Compulsory, 2 學分)</p> <p>海資系海洋生技及生理、海洋生物資源與海洋化學三組專題研究 (2 學分)</p> <p>海洋分子生態學 (English, 2 學分)</p> <p>海洋生物生理生態學 (English, 2 學分)</p> <p>海上實習(1 學分)</p> <p>Total =11 學分</p> <p>論文口試可以在中山大學或茂物農業大學以視訊完成</p>

5	<p>At NSYSU (如有需要)</p> <p>中山大學論文寫作(6 學分)與論文口試(2 學分, 茂物農業大學課程)皆為必修學分, 雙聯學位學生可選擇於第四學期或第五學期修業。</p>	<p>At IPB(如有需要)</p> <p>茂物農業大學論文寫作(6 學分)、科學發表(2 學分)與論文口試(2 學分)皆為必修學分, 雙聯學位學生可選擇於第四學期或第五學期修業</p>
原始畢業規定	<p>第一條 國立中山大學海洋生物科技暨資源學系碩士學位授予辦法及相關規定(以下簡稱本辦法)依據國立中山大學研究生學位考試施行細則」之規定訂定之。</p> <p>第二條 在學期間相關事項: 一、修業年限: 依教育部規定一至四年(不含保留入學及休學期間)。 二、學分制度及修課要求:</p> <p>(一)學生選課均須經指導教授及系主任認可。</p> <p>(二)學生須修畢規定之應修科目及最低畢業學分數(24 學分)。 三、指導教授選派: 學生應選本系專任教師擔任指導教授,若需由系外教師共同指導時,需經指導教授同意。三、碩士學位考試:</p> <p>第三條 碩士學位考試: 學期之定義:上學期自每年八月一日至隔年一月三十一日、下學期自</p> <p>每年二月一日至七月三十一日。</p> <p>一、研究生需符合應修科目及最低畢業學分數相關規定後,由指導教授推薦,始得舉行學位考試。</p> <p>二、學位考試成績不及格而其延長修業年限尚未屆滿者,得於次學期或次學年舉行重考,重考以一次為限,經重考一次仍不及格者,依本校學則規定應令退學。</p>	<p>IPB students</p> <p>根據印尼研究與高等教育部規定,碩士學位修業年限為二至四年(No. 49 Tahun 2014)。</p> <p>修業規定:</p> <p>學生選課均須經指導教授及系主任認可。</p> <p>學生須選擇一位指導教授,並由指導教授推薦一至二位口試委員(茂物農業大學或校外)。</p> <p>碩士學位考試: 第一學期為每年八月至隔年一月;第二學期自二月至同年七月。</p> <p>學生必須完成論文計畫書、專題討論、科學發表與論文口試已完成碩士論文。</p> <p>學位考試成績不及格而其延長修業年限尚未屆滿者,得於次學期或次學年舉行重考,重考以一次為限,經重考一次仍不及格者,依本校學則規定應令退學。</p> <p>畢業:符合上述之各項規定者,得提出畢業之申請。</p>

	<p>第四條 畢業:符合上述之各項規定者,得提出畢業之申請。</p> <p>第五條 本辦法經系務會議、院務會議通過,陳請校長核定後實施,修正時亦 同。</p>	
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論文指導方式與口試:

- (a) 採兩校共同指導，雙方需簽署「合作雙學位制碩士共同指導協議書」。
- (b) 論文撰寫及發表：單一畢業論文方式，且研究成果雙方共同分享。
- (c) 兩校共同指導，須共同舉行一次碩士論文口試，口試地點於**茂物農業大學**或國立中山大學，以視訊方式進行。
- (d) 學位考試委員會的成員，兩校至少需有 2 位，包括學生之兩校指導教授。
- (e) 視訊方式進行口試，需錄影存證。
- (f) 學位考試委員之資格，依兩校相關規定訂定。

學程管理和教學品質保證

- (a) 兩個學程之間的課程數分配應為 5 名。交換學生名額每年也 5 位，簽約各方依互惠原則不收費接受學生。接受外來學生的機構將不可向該學生收取學費；原就讀學校應向學生收取學費，並且學生應支付學費予原就讀學校。前述所指學費應由原就讀學校決定。
- (b) 雙方應於每年 4 月 30 日前備妥申請文件送對方學校審查(秋季班)，對方學校保有最終決定權。
- (c) **茂物農業大學**應負起其學程教學品質和提供學生學習機會的全部責任。**茂物農業大學**的學術委員會應有該校學程之所有學術相關事務的最終決策權。
- (d) 國立中山大學應負起其學程教學品質和提供學生學習機會的全部責任。國立中山大學的學術委員會應有該校學程之所有學術相關事務的最終決策權。
- (e) 簽約雙方應依相關校規和課程規格經營其學程。非經簽約雙方同意不得修改學程。

- (f) 簽約雙方對學生進行的評量應依授課方的校規執行。
- (g) 中山大學學生於**茂物農業大學**學習期間，若未能通過評量。**茂物農業大學**將提供中山大學學生於台灣或其他海外國家，能再以電子傳送方式，繳交作業評量。
- (h) **茂物農業大學**於中山大學學習期間，若未能通過評量。中山大學，將提供**茂物農業大學**學生於印尼或其他海外國家，能再以電子傳送方式，繳交作業評量。
- (i) 簽約各方應確保學程的教育或支援人員具相當資格，並有學程相關之技能和足夠經驗。
- (j) 關於兩校學程，簽約各方應有機會派出代表參與各校之測驗委員會。前述參與應受簽約雙方同意。**茂物農業大學**應至少每年一次，在兩校同意之日程，派出一名代表前往國立中山大學參與學程檢討與討論。
- (k) 簽約一方必須負責承擔，簽立此份雙聯學位所產生的費用(包括行政、運輸、住宿等其他)。

教學資源

- (a) 授課時，簽約雙方都應提供適當的教育與學習設施以利學程進行，並且提供學生學術和教學上的支持協助，如相關學生手冊所載。
- (b) 簽約一方將提供另一方合理的協助以利學程進行，包括提供施教人員存取任何線上資源，並考慮施行人員聯合教育訓練。

學生

- (a) 各校學程之入學資格應載於簽約各方之學程規格中。學生申請入學應向原就讀學校辦理，簽約雙方尚需篩選出符合兩校學程入學資格之學生。學生需有IELTS(國際英語水平測試) 5 到 6.5 以上分數。
- (b) 在符合各校校規的規範下，簽約各方應為其學程負招募並接受學生的責任。

(c) 在學生註冊前，簽約各方應以書面通知學生有關本同意書之相關規定，並解釋**茂物農業大學**、**國立中山大學**，以及學生所應負的責任。簽約各方應提供各個學生一份相關的學生手冊紙本或連結。

(d) 註冊於**茂物農業大學**學程的學生，將成為**茂物農業大學**完整學程及**國立中山大學**完整學程的註冊學生。

(e) 註冊於**國立中山大學**學程的學生，將成為**國立中山大學**完整學程及**茂物農業大學**完整學程的註冊學生。

註冊於**茂物農業大學**的學生：

(a) 應遵守**茂物農業大學**的評量規定，以及其他任何有關其學程評量的規定，包括學術申訴和學術不當行為之相關處理程序；

(b) 應遵守**茂物農業大學**的學生紀律守則；

(c) 可依**茂物農業大學**之學生投訴程序向該校投訴。

註冊於**國立中山大學**的學生：

(a) 應遵守**國立中山大學**的評量規定，以及其他任何有關其學程評量的規定，包括學術申訴和學術不當行為之相關處理程序；

(b) 應遵守**國立中山大學**的學生紀律守則；參與本計畫之學生每學期必須同時於**國立中山大學**及**茂物農業大學**註冊並具有學籍身分。學生應於雙方修業年限中完成本計畫，並得依兩校規定辦理休學、退學等相關手續。

(c) 可依**國立中山大學**之學生投訴程序向該校投訴。

除了學費之外，學生亦應全權負責安排其求學期間和其他費用支出的財務來源。

如有需要，學生應負責確保其在求學期間，能遵守移民法規中適用之任何正式入境和展延規定。

簽約雙方應協助學生尋找合適的學生宿舍。

註冊於任一學程之學生順利完成兩校學程後，將有權參與**茂物農業大學**和國立中山大學的畢業典禮。

完成本計畫規定條件之學生：

茂物農業大學需授予學生海洋科學碩士

中山大學需授予學生海洋科學碩士

若學生退出學程或是投訴學程相關事項，簽約雙方應在合理的範圍內，儘快以書面通知簽約另一方

茂物農業大學學生，在中山大學就學期間，必須要遞交具有醫療保險的保險證明。若無，必須參加中山大學的學生團體保險，學生本人需負擔相關保險費用。

學程資訊

簽約各方應負責推廣和行銷其學程，並提供有意取得資訊的潛在學生相關資訊。

所有有關學程之公開宣傳和行銷資料，必須符合簽約雙方的方針，並且在發表前須經簽約雙方書面同意。

在本同意書生效的期間，簽約一方可能會因學程相關事宜需使用簽約另一方的名稱和標記，要使用前應遵照簽約另一方所提出使用名稱或標記的所有條件，若簽約另一方認為此行為損及其聲譽，應立即要求簽約一方停止任何使用其名稱或標記。

在對方合理的主張下，簽約任一方均不得有損及另一方聲譽與/或業務的作為

智慧財產的所有權

除非另有協議，所有與學程相關的素材及其智慧財產權，不論是否為本同意書效期內或是在學程進行中所創造，均為創造該智慧財產之簽約方所有。

若一學程相關的素材為**茂物農業大學**和國立中山大學共同創造，則該素材及其所包涵之智慧財產應為**茂物農業大學**和國立中山大學所共同擁有。

若簽約任一方察覺另一方的名稱、標記或智慧財產受任何潛在的侵害存在，或是察覺到簽約另一方有任何素材侵害第三方權利的指控，應立即通知簽約另一方。簽約各方應提供此類合理的協助予簽約另一方，因簽約另一方為因應此潛在侵害，可能會要求任何相關可行處置。

本同意書之效期、修改和終止

本同意書應於 2018 年 8 月 1 日起生效，除非依本條所終止外，應持續三個學年直到 2021 年 8 月 31 日止。在此三個學年之後，本同意書可能會在簽約雙方皆同意的情況下，續約同樣或接近的效期。

簽約任一方均可以依下列方式，修改或終止本同意書：

- (a) 提供簽約另一方不少於六個月的書面通知，則本同意書於學年結束時終止。
- (b) 簽約一方對本同意書如有重大違約（亦可為連續情結較輕的違約）事項，（若可採補救措施）而在收到要求施行補救通知 30 日內未能補救，簽約另一方得以書面通知立即終止本同意書。
- (c) 若簽約一方控制權變動、破產、無法償付欠款及營業到期或其他因素導致停業，簽約另一方得以書面通知立即終止本同意書。

爭端處置

簽約雙方應基於誠信原則試圖解決任何執行本同意書時產生的爭端。若爭端無法以非正式的方式解決，應向茂物農業大學漁業與海洋科學院院長和國立中山大學海科院院長說明，兩院院長將互相諮詢意見並解決爭端。

茂物農業大學

校長

Dr. Arif Satria, SP

Sign



Date

2018-11-13

研究生學院 院長

Professor Anas Miftah Fauzi

Sign

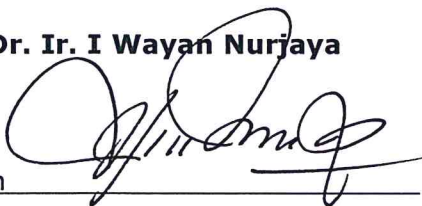


Date

海洋科學與技術學系 主任

Dr. Ir. I Wayan Nurjaya

Sign



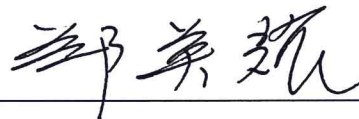
Date

2018-11-13

國立中山大學

校長

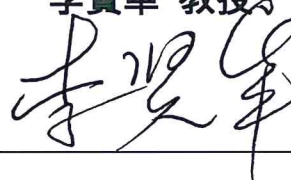
鄭英耀 教授



2018.11.13

海洋科學院 院長

李賢華 教授



2018.11.13

海洋生物科技暨資源學系 主任

廖志中 教授



2018.11.13