

3+1 Pathway to a Master's Degree Program Activity Agreement
between
Chinese Culture University
(hereinafter referred to as "CCU")
and
Purdue University on behalf of Purdue University Northwest
(hereinafter referred to as "PNW")

WITNESSETH THAT:

Scope of Agreement

This agreement will establish a relationship between Chinese Culture University (CCU) and Purdue University Northwest (PNW) to assist CCU students in fulfilling the requirements for transition and admission into the undergraduate programs at PNW. The program will be called the "3+1 Program."

I. General Terms

1. Students enrolled in the 3+1 Program will spend their senior year as non-degree seeking students at Purdue University Northwest. Students will take a minimum of twelve (12) credit hours per semester. After students complete their senior year, credits at PNW will be transferred to CCU, which will award the students bachelor's degrees.
2. Before transferring to PNW, students from CCU must have successfully completed at least three years of the undergraduate course curriculum of CCU and all CCU required courses that are not available at PNW. The PNW courses listed in column A in the Appendix may be used to fulfill course requirements for the Department of Life Science at CCU (column B in Appendix).

II. PNW agrees:

1. To admit students who have successfully completed the first three years of the Department of Life Science program at CCU to the 3+1 Program at PNW provided that they meet or exceed the requirements for admission to the undergraduate programs at PNW.
2. To provide academic counseling to the students admitted to the 3+1 Program.
3. During the last semester at PNW, students in this program are encouraged to apply for admission to the MS in Biology degree program via the standard graduate admission process for international students that can be found at the Graduate School website: <http://academics.pnw.edu/grad-school/how-to-apply-now/> (link subject to change)
 - a) If the student receives a 3.25 or above GPA on all biology courses (12 credits or more) at PNW, the GRE score requirement will be waived for the MS program application.
 - b) Students with a GPA below 3.25 will need to submit GRE scores when applying for the MS program at PNW.
 - c) Dual level (50000 level) PNW credits (up to 12 credits) that are not needed for the BS in Life Science degree at CCU may be applied toward the minimum 30 credit Plan of Study for the MS in Biology degree at PNW with an additional fee to reflect differential graduate tuition rates.
4. While attending PNW, transfer students will be expected to provide their own financial support. Proof of the same is required during the admission process before an I-20 will be issued to students. The estimated financial need for students can be found on the International Admissions website: <http://www.pnw.edu/international/admissions/undergraduate-admissions/3/> (link subject to change).

III. CCU agrees:

1. To offer the first three years of the 3+1 Program on its campus.
2. To jointly design and adopt the curriculum specified in the Appendix of this agreement.
3. To provide counseling and other services needed by students to obtain their visas.

IV. CCU and PNW jointly agree:

1. Students shall pay all tuition and fees for the first three years of the program directly to CCU.

2. To ensure that students understand that admission to PNW will be based on meeting PNW's admission criteria. See the International Admissions website: <http://www.pnw.edu/international/admissions/undergraduate-admissions/2/> (link subject to change)
3. To ensure that students submit all application materials before the deadlines specified by the Office of Global Engagement at PNW for foreign students.
4. To encourage students to live on campus during their 3+1 Program at PNW.
5. To ensure that students understand that they will be required to follow all university and immigration regulations while studying at PNW. PNW Immigration Services will assist the students throughout their stay in order to remain compliant with federal immigration regulations.
6. Students who have not attained TOEFL scores sufficient for direct PNW admission shall enroll in the PNW English Language Program (ELP). See the ELP website: <http://www.pnw.edu/english-language-program/> (link subject to change)

V. Participants agree:

1. To be responsible for paying all other costs related to their participation in the program including:
 - a) Housing
 - b) Transportation to and from the United States, as well as to and from the airport
 - c) Textbooks, clothing, and personal expenses
 - d) Costs for passports, visas, visa extensions, or residency permits
 - e) Security or housing deposits (which may be refundable at the completion of the program); and
 - f) All other debts and incidental expenses incurred during the course of their study at PNW institution, including board and meals
2. To procure health insurance coverage under a United States medical plan for the duration of the program.

IV. Placement and Enrollment Status of Exchange Students

1. PNW will accept full-time students from CCU who meet its admissions requirements: <https://www.pnw.edu/international/admissions/undergraduate-admissions/> (link subject to change) and the following English language proficiency test scores: TOEFL PBT 550, iBT 79 or IELTS 6.5.
2. Students who do not meet the English language proficiency requirements above will be enrolled in twenty-one (21) hours of English Language Program (ELP) courses per week at PNW.
3. ELP Pathway Program:
 - 1) For Undergraduate Students: Students who score somewhat below the English proficiency scores needed for admission into the academic program may be eligible to participate in the ELP Pathway Program, which will allow them to take one or two undergraduate academic courses at the same time as ELP courses, as follows:

Academic Courses Allowed	TOEFL (PBT)	iBT	IELTS
1	500-523	61 to 68	5.5
2	527-549	69 to 78	6

- 2) For Graduate Students: Graduate students with the appropriate TOEFL or IELTS scores (TOEFL 61 to 79, IELTS of 5.5 or 6.0), may take graduate academic courses as follows:
 - i. Students can take only one graduate course per semester while in the ELP Pathway program. These must be pre-approved by a graduate advisor.
 - ii. After passing ELP Level 4, students can transition to the degree program and take only academic courses.
4. To ensure that students are placed in the appropriate classes, all new ELP students must take the English language placement test.

VII. Period of Agreement

This Agreement becomes effective on the date of the signature and will remain in full force and effect for a period of five (5) years. Prior to the expiration date, the agreement may be reviewed for possible renewal for a further five (5) year period. In addition, either party may terminate this agreement as indicated in Section VIII below.

VIII. Termination

This Agreement may be terminated prior to the Termination Date in any of the following ways:

1. Termination by Agreement. The Parties may mutually agree to terminate this Agreement in writing, on the terms and dates stipulated therein.
2. Early Termination. Either Party may terminate this Agreement at any time with or without cause by delivering written notice of termination to the other Party at least ninety (90) days prior to such early termination.
3. Termination for Cause. Either Party may terminate this Agreement upon a material breach by the other Party which is not cured within thirty (30) days of written notice of such breach to the other Party. Any second or subsequent material breach within a particular one (1) year term, whether such breach is of the same kind or not, shall be grounds for immediate termination of this Agreement.
4. Ongoing Obligations. Upon the termination of this Agreement, the provisions herein shall cease to be in force and effect; provided, however, that termination of this Agreement shall have no effect on the following obligation of either party: (i) obligations accruing prior to the date of termination; and (ii) obligations, promises, or covenants contained herein that are expressly made to extend beyond the term of this Agreement, including without limitation, confidentiality of information.

IX. Nondiscrimination

Purdue University prohibits discrimination against any member of the University community on the basis of race, religion, color, sex, age, national origin or ancestry, genetic information, marital status, parental status, sexual orientation, gender identity and expression, disability, or status as a veteran. The University will conduct its programs, services and activities consistent with applicable federal, state and local laws, regulations and orders and in conformance with the procedures and limitations as set forth in Purdue's Equal Opportunity, Equal Access and Affirmative Action policy which provides specific contractual rights and remedies. Additionally, the University promotes the full realization of equal employment opportunity for women, minorities, persons with disabilities and veterans through its affirmative action program.

X. Modification

The basic terms of this Agreement may be changed or modified only by written amendment signed by authorized agents of the parties hereto.

XI. Assignment

The parties agree not to assign or share this Agreement without the prior written approval of the other party, which shall not be unreasonably withheld or delayed. Any assignment without the required written approval of the other party shall be null and void.

XII. Notices

Any notice or other correspondence required or permitted to be given pursuant to the termination of this Agreement will be in writing and will be deemed to have been given if: (a) served personally, (b) sent by facsimile with confirmation of receipt, (c) sent by first class mail, postage prepaid, to the addresses set forth below or to such other addresses as either party hereto may designate by notice to the other party, or (d) sent by email.

Purdue University	Chinese Culture University
2200 169 th Street	55, Hwa-Kang Road, Yang-Ming-Shan, Taipei
Hammond, IN 46323	Taiwan 111 14, R. O. C.
Attn: Donna Adelsperger Contract Administrator	Attn: S. L. Hsiao Administrative assistant
Phone: 219-989-2436	Phone: +886-2-28610511 ext. 26205
Fax: 219-989-2581	Fax: +886-2-28623724
Email: adelsper@pnw.edu	E-Mail: crsuls@staff.pccu.edu.tw

XIII. Prevailing Language

Should this document be executed in two languages, the English version of this Agreement represents the understanding of the both Parties. Any other version is provided as a translation. In the event of conflict between the two versions, the English version will prevail.

XIV. Use of Name

CCU will not use the name of Purdue or Purdue University Northwest, nor of any member of PNW's program staff, in any publicity, advertising, or news release without the prior written approval of an authorized representative of PNW. PNW will not use the name of CCU, or any employee of CCU, in any publicity, advertising, or news release without the prior written approval of CCU. The parties understand that time is of the essence in developing and promoting the 3+1 Program, and the parties shall promptly respond to any requests for reasonable use of each other's name.

XV. Foreign Corrupt Practices Act

Purdue University and CCU represent and warrant to each other that they are aware of the requirements of the United States Foreign Corrupt Practices Act (the "FCPA") and that they will not, and will not allow their owners, employees, representatives, officers, directors, contractors or other agents to take any action in connection with this Agreement or any separate Activity Agreement to provide, offer or promise to provide, or authorize the provision directly or indirectly of, any money, gift, loan, service or anything of value to (i) any government official (or any agent, employee or family member thereof), (ii) any political party or candidate for political office, or (iii) any person, while knowing that all or a portion of such money or thing of value will be offered, given or promised, directly or indirectly, to any of the foregoing in (i) or (ii), for the purpose of obtaining or retaining business or funding, to direct business or funding to any person or entity, or to secure any other improper advantage.

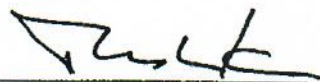
XVI. Designated Administrative Officials

The administrative officials authorized to endorse changes in accordance with the provisions of Article III are: the Associate Vice Chancellor for Academic Affairs, the Executive Director of Global Engagement, the Dean/Director of the appropriate School and the Associate Vice Chancellor for Finance & Business Services at PNW; and the Head, Department of Life Science; Dean, College of Science; Dean, Office of International and Mainland China Affairs, Office of the Acting President at CCU.

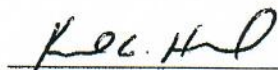
Such changes may be made by the designated officials between contract renewals by written medium such as email.

The designated administrative officials authorized to endorse this agreement in accordance with the provisions are listed below. This agreement shall be fully executed when all signatures are affixed.

FOR PURDUE UNIVERSITY



Thomas L. Keon
Interim Vice Chancellor for Academic Affairs
and Provost



Kenneth C. Holford, Ph.D.
Dean, College of Engineering and Sciences



George F. Kacenga, Ph.D.
Executive Director of Global Engagement



Robin Scribailo, Ph.D.
Chair, Department of Biological Sciences



Donna Adelsperger
Contract Administrator

Date:

6/26/19

FOR CHINESE CULTURE UNIVERSITY



Shing-Ching Shyu, Ph.D.
President



Kwong Fai Andrew Lo, Ph.D.
Dean, College of Science



Kuo-Cheng Kuo, Ph.D.
Dean of Office of International and Mainland
China Affairs



Szu-Meng Wu, Ph.D.
Head, Department of Life Science

Date:

2019.7.8

Appendix A
Articulation Agreement Between
Department of Life Science, Chinese Culture University (CCU), Taipei, Taiwan
and
Department of Biological Sciences, Purdue University Northwest (PNW), Indiana, USA

Note:

1. PNW course numbers reflect the course levels, *e.g.* freshman courses are 10000 level, and sophomore courses are 20000. 50000 level courses are offered at graduate /senior level.
 - a. To earn a Bachelor of Science degree in Biological Sciences at PNW, students are required to complete minimum of 120 credits, which may include transferred credits, with minimum GPA of 2.0. The 120 credits must include (1) at least 30 credits of general education courses, (2) at least 32 credits of courses at the 30000 level or above completed at PNW, (3) C- or better grades in BIOL 10100 Introductory Biology I and BIOL 10200 Introductory Biology II, (4) a minimum 2.0 GPA in biology core and required biology courses, (5) a minimum 2.0 GPA in all biology courses, (6) a minimum 2.0 GPA in all courses, and (7) one course from approved experiential learning unit list.
 - b. There are five areas of study (General Biology, Biotechnology Concentration, Ecology & Evolution Concentration, Health Sciences Concentration, and Microbiology & Immunology Concentration) in the Department of Biological Sciences at PNW. Students from CCU can earn a BS in Biological Sciences degree at PNW after completing any of the five biology plans of study. Please view course requirements for each area at:
<https://academics.pnw.edu/areas-of-study/undergraduate/biology-major/>.
 - c. BIOL 10100 Introductory Biology I, BIOL 10200 Introductory Biology II, BIOL 24400 Introductory Cell Biology, and BIOL 24300 Genetics, and BIOL 42600 Senior Capstone are common core courses which are required for all biology majors. Some courses such as BIOL 30700 Plant Physiology, BIOL 30800 Introduction to Biotechnology, BIOL 31100 Introduction to Evolution, BIOL 31600 Basic Microbiology, BIOL 32020 Biology of The Immune System, Biotechnology, BIOL 33300 General Ecology, and BIOL 35700 Introductory Animal Physiology are elective cores which may be required by some area of studies. Please see study plans for each biology study area.
 - d. The General Education Requirement (a minimum of 30 credits which may include transfer credits) includes the following categories: English Composition (6 credits), Speech Communication (3 credits), Quantitative Reasoning (3 credits), Natural Science (4 credits), Technology (3 credits), Humanities (3 credits), Social Science (3 credits), Freshman Experience (1 credit, waived for transferred students) and the remaining credits can be from any of the above.
 - e. Some CCU required courses such as Plant Anatomy, Plan Morphology, etc., are not available at PNW. CCU students who are interested in the 2+2 program should be advised to take these courses at before coming to PNW. The PNW Biology course list and tentative offering schedule can be found at <https://academics.pnw.edu/biology/course-offerings/>. Course syllabi are available upon request. Some biology elective courses are offered every other year at PNW.
2. Courses not listed on this articulation will be evaluated case by case for credit transfer on a case by case basis.
3. Students who are not seeking a PNW degree, such as students in the 3+1 program, shall use this articulation agreement as a guide for course transfer between CCU and PNW.

FRESHMAN

COLUMN A			COLUMN B		
Courses at PNW	Required/ Elective	Credit	Courses at CCU	Required / Elective	Credit
ENGL 10000 English Composition ¹ ENGL 10500 English Composition ¹	General Education	3	<i>CCU students are required to take ENGL 10000, ENGL 10500, COM 11400 at PNW for PNW BS degree</i>		
		4			
COM 11400 Fundamentals of Speech Communication ¹		3			
<i>May be used to fulfill Humanity Requirement at PNW.</i>	General Education	4	Freshman Chinese ²	Required	4
			Freshman Second Language ²	Required	4
			Second Language Conversation Lab. I	Required	2
CIS 20400 Introduction To Computer Based System	General Education	3	Computer Science	Required	4
<i>Available at PNW</i>			Physical Education	Required	4
<i>Not available at PNW</i>			Military Training	Required	0
BIOL 10100 Introductory Biology I (With Lab)	Required	4	General Biology & Lab.	Required	8
BIOL 10200 Introductory Biology II (With Lab)		4			
MA 16031 Calculus for Life Sciences I	Required	3	Calculus I	Required	3
MA 16032 Calculus for Life Sciences II	Required	3	Calculus II <i>May be fulfill with the CCU calculus II at Department of Applied Mathematics</i>	Required	4
PHYS 22000 General Physics I (4) (with Lab)	Required	4	General Physics & Lab.	Required	4
PHYS 22100 General Physics II (4) (with Lab)	Required	4	<i>CCU students may be required to take PHYS 22100 General Physics II with Lab at PNW (4 credits)</i>		
CHM 11500 General Chemistry I (with Lab)	Required	4	General Chemistry & Lab.	Required	8
CHM 11600 General Chemistry II (with Lab)		4			
			Introduction to Earth Science	Required	2
CHM 25500 Organic Chemistry I & CHM 25501 Organic Chemistry I Lab	Required	3 1	Organic Chemistry & Lab	Required	4
BIOL 10700 Freshman Experience in Biological Sciences	(Required Freshmen)	1	<i>(Not required for junior transfer students)</i>		

¹ Must be completed at PNW to fulfill PNW degree requirement.

SOPHOMORE

COLUMN A			COLUMN B		
Courses at PNW	Required/ Elective	Credit	Courses at CCU	Required/ Elective	Credit
			Second Language Conversation Lab.II ²	Required	2
<i>Can be used to fulfill Humanity General Education Requirement</i>	General Education		Chinese History ²	Required	4
<i>Social Science courses may be used to fulfill Social Science General Education Requirement (Min. 3 credits)³</i>	General Education		General Knowledge ²	Required	4
BIOL 29500 Readings (<i>Offered when necessary</i>)			Biological Paper Reading Guide	Required	2
BIOL 33300 General Ecology with Lab	Elective Core	3	Ecology & Lab.	Required	4
BIOL 33000 Biostatistics or STAT 30100 Elementary Statistic Methods	Required	3	Biometrics & Lab.	Required	4
BIOL 42200 Comparative Vertebrate Anatomy	Elective Core	3	Comparative Anatomy & Lab.	Required	3
<i>Not currently offered at PNW May be transferred as general elective</i>			Systematic Zoology & Lab.	Required	3
			Plant Anatomy & Lab.	Required	3
			Plant Morphology & Lab.	Required	4
			Plant Taxonomy & Lab.	Required	3
			Histologic Techniques & Lab.	Elective	3
CHM 33300 Biochemistry (Lec)		3	BIOCHEMISTRY (1) & Lab.	Required	4

JUNIOR

COLUMN A			COLUMN B		
Equivalent Courses at PNW	Required/ Elective	Credit	Courses at CCU	Required/ Elective	Credit
<i>A wide variety general education courses are available at PNW.</i>			General Knowledge ²	Required	4
BIOL 49500 Readings (<i>May be offered when needed.</i>)			Paper Discussion	Required	2
BIOL 30700 Plant Physiology	Elective core	3	Plant Physiology & Lab.	Required	4
BIOL 35700 Animal Physiology with Lab	Elective core	4	Animal Physiology & Lab.	Required	4
BIOL 24400 Genetics with Lab	Required Core	4	Genetics & Lab.	Required	4

CHM 25600 Organic Chemistry II CHM 25601 Organic Chemistry II Lab	Required	3 1	Biochemistry II & Lab.	Elective	4
BIOL 31600 Basic Microbiology with Lab	Elective Core	4	Microbiology & Lab.	Elective	4
BIOL 24300 Intro. Cell Biology with Lab	Required Core	4	Cell Biology	Required	3
BIOL 59500 Ornithology with Lab	Elective	4	Ornithology	Elective	2
BIOL 31100 Evolution (Lec)	Elective Core	3	Evolutionary Biology	Required	2
BIOL 40500 Conservation Biology (Lec)	Elective	3	Biodiversity and conservation	Required	2
BIOL 44000 Herpetology	Elective	3	Herpetology	Elective	2
<i>Not currently offered at PNW May be transferred as general elective</i>			Histology & Lab.	Required	3
			Aquaculture	Elective	2
			Vertebrate	Elective	2

SENIOR

COLUMN A			COLUMN B		
Courses at PNW	Required/ Elective	Credit	Courses at CCU	Required/ Elective	Credit
BIOL 56600 Developmental Biology (with Lab)	Elective	4	Embryology	Elective	2
BIOL 42600 Senior Capstone BIOL 42800 Seminar (offered when needed)	Required	1 1	Seminar BIOL 42800 Seminar (offered when needed)	Required	2 1
BIOL 50700 Principle of Molecular Biology	Elective	3	Molecular biology	Required	3
BIOL 32020 Biology of Immune System	Elective Core	3	Immunology	Elective	2
BIOL 59500 Bioinformatics	Elective	3	Bioinformatics	Required	2
<i>PNW offers Plant Ecology, Aquatic Ecology, Wetland Ecology and Field Ecology courses</i>	Elective	3-4	Population ecology	Elective	2
BIOL 46100 or 59500 Animal Behavior	Elective	3	Animal behavior science	Required	3
BIOL 30800 Introduction to Biotechnology (Lec) BIOL 50800 Recombinant DNA Techniques (with Lab)	Elective Core	3 3	Biotechnology & Lab	Required	5