

NATIONAL CHIAO TUNG UNIVERSITY (NCTU)

ADMISSION GUIDELINES FOR INTERNATIONAL DEGREE STUDENTS (Spring 2021)

Division of International Admissions Office of International Affairs National Chiao Tung University 1001 University Road, Hsinchu, 30010 Taiwan

> Tel: +886-3-5131254 Fax: +886-3-5131473

Email: <u>admit_ia@nctu.edu.tw</u> Website: <u>https://oia.nctu.edu.tw/</u>

Table of Contents

I.	APPLICATION INSTRUCTIONS	3
III.	ADMISSUON QUOTA	7
IV.	PROGRAM DURATION	7
V.	RELEASE OF APPLICATION RESULTS	7
VI.	PROCESS AFTER ADMISSION LETTER IS RECEIVED	8
VII.	USEFUL INFORMATION	8
IX.	TUITION AND FEES	10
VIII. N	NATIONAL CHIAO TUNG UNIVERSITY REGULATIONS REGARDING	
INTER	RNATIONAL STUDENTS ADMISSIONS	11
Colleg	e of Electrical and Computer Engineering (ECE)	15
	ECS International Graduate Program	
In	nternational Ph.D. Program in Photonics (UST)	21
Interno	ational College of Semiconductor Technology	24
G	raduate Program of International College of Semiconductor Technology	24
Colleg	e of Photonics (Tainan Campus)	30
G	raduate Program of College of Photonics	30
	astitute of Photonic System	
	nstitute of Lighting and Energy Photonics	
	nstitute of Imaging and Biomedical Photonics	
	e of Engineering	
	epartment of Mechanical Engineering	
	epartment of Civil Engineering	
	epartment of Materials Science and Engineering	
	nternational Ph.D. Program in Environmental Science and Technology (UST)	
	raduate Program of Nanotechnology, Dept. of Materials Science and Engineering	
_	e of Science	
	epartment of Electrophysics	
	epartment of Applied Mathematics	04
	Fraduate Program Mathematics modeling and Scientific Computing, Dept. of Applied	67
	lathematicsepartment of Applied Chemistry	
	raduate Program in Molecular Science, Dept. of Applied Chemistry	
	raduate 1 rogram in Molecular Science, Dept. of Applied Chemistrystitute of Statistics	
	istitute of Physics	
	e of Biological Science and Technology (Bo-Ai Campus)	
	pepartment of Biological Science and Technology	
	astitute of Bioinformatics and Systems Biology	
	astitute of Molecular Medicine and Bioengineering	
	nterdisciplinary Neuroscience Ph.D. Degree Program (UST)	
	e of Management	
_	Pepartment of Industrial Engineering and Management	
	astitute of Information Management	

Department of Transportation and Logistics Management	109
Institute of Business and Management (Taipei Campus)	
Graduate Program of Finance, Dept. of Information Management and Finance	
Institute of Management of Technology	
College of Humanities and Social Sciences	
Graduate Program of Foreign Literatures and Linguistics, Dept. of Foreign Langua	
Literatures	_
Institute of Communication Studies	
Institute of Applied Arts	
Institute of Music	
Institute of Education	140
Institute of Teaching English to Speakers of Other Languages	143
Institute of Social Research and Cultural Studies	
International Master's Program in Inter-Asia Cultural Studies (UST)	150
College of Hakka Studies (Liujia Campus)	153
Institute of Ethnicity and Culture, Department of Humanities and Social Sciences	
Master Program of Department of Communication and Technology	
School of Law	
Institute of Technology of Law	

I. APPLICATION INSTRUCTIONS

A. Application Dates

Semester	Application Period	Admissions List Release	Courses Begin
Fall	December 20- March 5	Mid-May	Mid- September
Spring	August 10- September 30	Mid-November	Mid-February

B. Eligibility

Please refer to the Ministry of Education's Regulation Regarding International Students Undertaking Studies in Taiwan:

http://law.moj.gov.tw/Eng/LawClass/LawAll.aspx?PCode=H0110001 (English version) http://law.moj.gov.tw/LawClass/LawAll.aspx?PCode=H0110001 (Chinese version)

Refer to Article II of the Ministry of Education's Regulations Regarding International Students Undertaking Studies in Taiwan in conjunction with Article II of the Nationality Act:

http://law.moj.gov.tw/Eng/LawClass/LawAll.aspx?PCode=D0030001

*Those who fail to meet the above application qualifications shall have their admission eligibility, student status or graduation diploma cancelled or suspended.

Those found in violation of the above regulations shall not be issued any relevant academic document.

C. APPLICATION PROCEDURES

- 1. Applicants should verify if they are eligible to apply as international degree students (Please refer to Page 3).
- 2. Verify whether the department/program being applied to is open to international students. Applicants may apply to a maximum of 2 departments. Note that the order of admission shall be based on the order of selection in the application.
- 3. Complete the application form online and upload all required documents to the application system.
- 4. Verify whether additional information must be submitted to the department of application.
- 5. Prepare all documents required in the application and ensure that the application form is signed.
- 6. Upload to the National Chiao Tung University International Degree Student Application System before the application deadline. Applications submitted after the deadline or submitted with incomplete documents shall not be accepted.

Reminders:

- Those selecting more than 1 department should list the department in the order that they wish to be admitted. If admitted to more than one department, the University shall release the admission result according to the order listed in the application.
- Regardless of whether the applicant has been admitted or not, all application documents shall not be returned.
- Applicants shall bear responsibility for their application. Failure to submit all required documents by the application deadline shall affect their admission qualification review.
- Obtaining the University's admission permit does not guarantee a visa to Taiwan.
 The visa must be issued by Taiwan Ministry of Foreign Affairs Bureau Consular Affairs or foreign embassy in the country.

D. REQUIRED DOCUMENTS FOR APPLICATION

1. Application form

Complete the application form online.

2. Study plan (in Chinese or English)

3. Official graduation certificate

Graduating students are required to submit a proof of pending graduation issued by their school. Students with a certificate of pending graduation or provisional certificate must obtain a statement from their school indicating when the official graduation certificate would be issued. Students must obtain the official certificate before courses begin for the applied semester.

4. Transcripts (including description of grading, GPA and class ranking)

If you have attended more than one institution, separate official transcripts should be submitted by each institution.

Reminders:

(1) Undergraduate application: High school (or above) graduation certificate and transcript;

Master's program application: Bachelor degree (or above) graduation certificate photocopy and transcript;

Doctoral program application: Master's degree (or above) graduation certificate photocopy and transcript.

- (2) If the school is unable to issue a Chinese or English version of the certificate and transcript, please submit an additional Chinese or English translation.
- (3) Accepted applicants must have their graduation certificate and transcript and respective translations notarized by the Taiwan Embassy or Taiwan Representative Office in the country where their school is located. If there is no Taiwan Embassy or Taiwan Representative Office in the country, contact the Taiwan Embassy or Taiwan Representative Office in the nearest country: http://www.boca.gov.tw/content?CuItem=1342&mp=1

5. Two letters of recommendation

Recommendation letters must be written by at least two different persons, generally a teacher, advisor or employer. Refer to the template provided by this Office or have the recommenders write the recommendation through the online application system.

6. Proof of nationality

- Passport
- -Those without a passport should submit one proof of nationality.
- 7. Taiwan alien residence certificate (ARC), if any
- **8.** Confidential financial statement (not required during application, but must be submitted during registration at the University).

Admitted students shall submit any of the following proofs of financial resources during registration at the University:

- -Proof of scholarship issuance (the proof of scholarship issuance must be issued by the Taiwan government or other governments, and excludes proof of National Chiao Tung University scholarships).
- -An official bank statement: For non-scholarship students, attach proof of bank deposit of US\$6,000 (NT\$200, 000) or more issued within three months of enrollment. If the deposit is not in the student's personal account, the financial sponsor must sign a letter of declaration stating the relationship between the two parties and promising to bear all the expenses of the student's study in Taiwan. Download the template for the letter of declaration.

9. Proof of English proficiency:

TOEFL PBT 500 / CBT 173 / iBT 73 or above.

IELTS 5.5 or above.

Reminders:

- (1) If the previous academic degree program was fully taught in English, the school/department or advisor may issue an official proof explaining that the entire academic program was in English or taught in English.
- (2) Applicants who are nationals of an English-speaking country or whose previous diploma is from an English-speaking country do not need to submit a certificate of English proficiency. Please upload a passport or graduation certificate.
- (3) English-speaking countries are: The United States, Canada, United Kingdom, New Zealand and Australia.

10. Proof of Chinese language proficiency

Undergraduate courses are mostly taught in Chinese. Applicants are advised to have intermediate listening, speaking, reading and writing ability. In addition, some departments require applicants to submit proof of Chinese language proficiency.

It is recommended that international students in non-English programs provide a certificate of Chinese language proficiency test or other proof of Chinese language proficiency. Indonesian students applying to study in an undergraduate program at the University are required to submit proof of Chinese language proficiency.

TOCFL and Hanyu Shuiping Kaoshi(HSK) Level Comparison Table: http://www.sc-top.org.tw/chinese/LS/test5.php

11. Permit Certificate of Nationality Loss (if applicable)

Applicants who are former nationals of the Republic of China are required to provide the Permit Certificate of Nationality Loss. The certificate, issued by the Ministry of the Interior, should have been issued for at least 8 years.

12. Documents required by other departments

- (1) Please refer to the websites of the respective departments.
- (2) Applicants for doctoral programs must upload their master's thesis. Graduating master's students who are applying for doctoral programs must upload an outline of their master's thesis.

II. SELECTION PROCESS

For undergraduate programs, selection is mainly based on the review of application materials. Written test, oral test or interview shall be conducted in accordance with department regulations. If a written test, oral test or interview is required, the department shall notify the applicant separately.

For master's and doctoral programs, the preliminary selection is mainly based on the review of application materials. Only those who pass the preliminary review and approved by the department shall undergo a secondary review. The department shall separately notify the approved applicant for the secondary written test, oral test or interview.

III. ADMISSUON QUOTA

In accordance with the Ministry of Education's Regulation Regarding International Students Undertaking Studies in Taiwan, the maximum admission quota for international students is 10% of the school's student admission quota for the current academic year. The University's international student admission quota shall be based on the maximum quota set by the Ministry of Education for the current year.

IV. PROGRAM DURATION

Bachelor's programs: 4-6 years Master's programs: 1-4 years Doctoral programs: 2-7 years

V. RELEASE OF APPLICATION RESULTS

The admissions list shall be posted on the National Chiao Tung University Office of International Affairs website (http://oia.nctu.edu.tw/). Admissions for the Spring Semester shall be posted in mid-November each year and admissions for Fall Semester shall be posted in mid-May each year. Applicants who are not accepted shall be notified by email.

Acceptance letter shall be sent to the mailing address provided by the applicant, so be sure to provide the correct address. If the acceptance letter cannot be delivered due to incorrect address provided by the applicant, the applicant shall be fully responsible.

VI. PROCESS AFTER ADMISSION LETTER IS RECEIVED

Students who have obtained their enrollment permit shall submit their graduation certificate and transcripts that have been notarized by relevant units in accordance with the following regulations, and shall complete registration on the date specified in their notification.

Foreign academic qualifications shall be handled in accordance with the Ministry of Education's Regulations Governing the Assessment and Recognition of Foreign Academic Records by Institutions of Higher Education. Graduation certificates and transcripts shall be notarized by the Taiwan Embassy or Taiwan Representative Office in the country where their school is located. If the original document is in a language other than Chinese or English, the Chinese or English translation shall also be notarized by the Taiwan Embassy or Taiwan Representative Office.

Hong Kong or Macau academic qualifications shall be handled in accordance with the Regulations Governing the Examination and Recognition of Educational Records from Hong Kong and Macao.

Academic qualifications from the Mainland shall be handled in accordance with the Regulations Governing the Recognition of Educational Records from the Mainland.

VII. USEFUL INFORMATION

- For International students' admissions:
 Office of International Affairs, National Chiao Tung University
 http://oia.nctu.edu.tw
- 2. National Chiao Tung University
- 3. http://www.nctu.edu.tw
- 4. Office of Academic Affairs, National Chiao Tung University http://aadm.nctu.edu.tw
- 5. Ministry of Education http://www.edu.tw
- 6. Ministry of Foreign Affairs http://www.mofa.gov.tw
- 7. Bureau of Consular Affairs http://www.boca.gov.tw/
- 8. National Immigration Agency, Ministry of the Interior http://www.immigration.gov.tw/

VIII. SCHOLARSHIPS

Master's students

Scholarship	Amount (per month)	Deadline (subject to change)	Remarks
NCTU International Scholarship	Up to NT\$22K (US\$733)	Fall Intake: March 5 Spring Intake: September 30	- http://oia.nctu.edu.tw/ > Degree-Seeking Students > International Students > Scholarships - Apply via NCTU (when apply for admission)
Taiwan Scholarships (offered by the Taiwan Government)	Up to NT\$30K (US\$1,000)	Feb 1 ~ Mar 31 (Fall Intake only) Actual dates vary per Taiwan Embassies	 http://www.studyintaiwan.org/ Study in Taiwan > Scholarships Governmental Scholarships Apply via Taiwan Embassies or Representative Offices overseas

Ph.D. students

Scholarship	Amount (per month)	Deadline (subject to change)	Remarks
NCTU International Scholarship	Up to NT\$29K (US\$966)	Fall Intake: March 5 Spring Intake: September 30	- http://oia.nctu.edu.tw/ > Degree-Seeking Students > International Students > Scholarships - Apply via NCTU (when apply for admission)
NCTU International Scholarship - Elite PhD Scholarship	Up to NT\$31.5K (US\$1050) plus tuition waiver	Fall Intake: March 5 Spring Intake: September 30	- http://oia.nctu.edu.tw/ > Degree-Seeking Students > International Students > Scholarships - After 2 years of award period, student may apply for NCTU International Scholarship - Recommended by department (when apply for admission)
Taiwan Scholarships (offered by the Taiwan Government)	Up to NT\$30K (US\$1,000)	Feb 1 - Mar 31 (Fall Intake only) Actual dates vary per Taiwan Embassies	- http://www.studyintaiwan.org/ > Study in Taiwan > Scholarships > Governmental Scholarships - Apply via Taiwan Embassies or Representative Offices overseas
TIGP Scholarship (offered by Academia Sinica)	Up to NT\$32K (US\$1,066)	March 31 (Fall Intake only)	- http://tigp.sinica.edu.tw/ - For specific programs only (Bioinformatics program or Sustainable Chemical Science and Technology Program) - Apply via Academia Sinica

IX. TUITION AND FEES

ITEMS	UNDERGRADUATE	GRADUATE	
Estimated Tuition	NT\$49,540 - NT\$57,980	Mandatory Fee:	
	(US\$1,700 - US\$1,950)	NT\$25,960 - NT\$26,940	
	per semester	(US\$870 - US\$900) per semester	
		Credit Fee:	
		NT\$2,385 - NT\$5,000	
		(US\$80~US\$166) per credit	
Miscellaneous Fees	NT\$1,500 (US\$50) per semester		
Books & Supplies	NT\$6,000 - NT\$11,000 (US\$200 - US\$370) per semester		
Student Dormitory	NT\$8,000 - NT\$20,500 (US\$266 - US\$400) per person/semester		
(shared room)	(Room for 4 persons)		
Off-campus housing	NT\$6,000 - NT\$12,000 (US\$200 - US\$400) per month		
	(size & facilities vary)		
Living Expenses	NT\$110,000 - NT\$150,000 (US\$3,350 - US\$4,545) per year		
	(varies per person)		
National Health	NT\$9,300 (US\$310) per year		
Insurance			

^{*}Note: The amounts listed are subject to change and please refer to the latest announcement for the updated tuition and fees summary of the academic year.

VIII. NATIONAL CHIAO TUNG UNIVERSITY REGULATIONS REGARDING INTERNATIONAL STUDENTS ADMISSIONS

Referred to Letter No. 1040174323 by the Ministry of Education, December 18, 2015

This regulation is promulgated according to Article 6 of the "Ministry of Education Regulations Regarding International Students Undertaking Studies in Taiwan."

2

The qualification of applications for international students shall be regulated in accordance with Article 2, 3, and 4 of the Regulations Regarding International Students Undertaking Studies in Taiwan.

The number of international students enrolled of this University shall be regulated in accordance to Article 5 of the "Regulations Regarding International Students Undertaking Studies in Taiwan."

Matters regarding enrollment applications (including dual degrees) in this University for international students shall be undertaken by the University's "International Students Admissions Committee".

Regulations to set up the International Students Admissions Committee shall be regulated otherwise.

International Admissions shall be conducted by the application method; the degrees programs offered, admission quotas, qualification for application, methods for evaluating applications, required documentation and other related regulations shall be written and published in the *Admission Guidelines for International Students*.

4 Applicants shall submit the application materials to the Office of International Affairs in accordance with the terms set forth in the University's *Admission Guidelines for International Students*.

An international student submitting forged, fabricated, or altered papers for the purpose of the their school application shall be subject to enrollment qualification cancellation; or a revocation of enrollment and denial to the request of any certificate pertaining to study, if the said student is already enrolled; or revocation of graduation qualifications and cancellation of the diploma by the student's school, if the said student has been already graduated.

- Admission lists for international students shall be reviewed initially by each department, institute or degree program and it shall be published after approval by the University's "International Students Admissions Committee".
- As for international students who are approved for admission, he or she may enroll from the next semester or academic year if no enrollment is made when exceeding one third of the academic semester and the director of such department gives consent.
- 7 The required enrollment fee for international students of this University shall be decided in accordance with Article 21 of the Regulations Regarding International Students Undertaking Studies in Taiwan.
- International students may not apply for Extension Programs at this University designed for returning education students, part time, in-service courses of Master programs, or other programs, which are restricted to night classes and classes during holidays. International students who have obtained legal resident status of Taiwan, or are enrolled in a program ratified by Ministry of Education, are exempted from this Article.
- 9 For undergraduate international students who are currently enrolling in and transferring into this University, they shall comply with the transferring regulations of this University. As for transfer students who are enrolling in this University, the credit transfer shall be conducted in accordance with the regulations of this University and the regulations of transferring credits for students.
- During the course of study in Taiwan, international students, who have undertaken initial household registration, resident registration, naturalization or restoration of the R.O.C. nationality, will lose their international student status and shall be dismissed by the school.

International students who are dismissed from university/college after admission due to behavior issues, poor academic performance or a conviction under the Criminal Law may thereafter not apply for admission under this regulation.

In the event that international students violate Section 1 of Article 2 or are involved in Article 10 and verified by substantiation, their qualification for admission shall be revoked or enrolling status shall be canceled. In the

event that such violation is realized after commencement, their diploma shall be ordered returned or revoked and such revocation of qualification to graduate shall be announced publicly.

This University's Office of International Affairs offering admission to international students shall promptly register into the international student data management information system designated by the Ministry of Education: school entrance, transfer, suspension or dismissal and any change or loss of student status.

If international students discontinue their schooling or because of any other reason that causes them to change or lose their student status at the school, Office of International Affairs must notify the Bureau of Consular Affairs of the Ministry of the Foreign Affairs, the Service Center of National Immigration Agency, the Ministry of the Interior, and send copies of these notifications to the Ministry of Education.

At the time of registration a new international student shall present proof of a medical and injury insurance policy which is valid for at least 6 months from the date the student enters Taiwan. Current student shall present written proof that they have joined Taiwan's the National Health Insurance Plan.

The foregoing insurance policies purchased in foreign countries must be authenticated by a Taiwan overseas representative office.

- If international students violate the Employment Services Act, the university or authorized authorities shall immediately handle the cases in accordance with the related regulations after investigation.
- Each department or institute may sign educational cooperation agreements with foreign schools and recruit international exchange students with the condition that it will not compromise normal teaching routines.
- International personnel may choose programs in accordance with the regulations of choosing this University's credits, and the grades hereof shall be given the same as normal students. A certification of academic grades shall be given at the end of the semester.

After being admitted into this University, international part-time students may apply for credit transfer or exemption in accordance with the regulations of each undergraduate and graduate school or degree and program.

- As for matters not regulated in the regulations, they shall comply with the "Regulations Regarding International Students Undertaking Studies in Taiwan" and related regulations of the Ministry of Education.
- These regulations are approved by this University's International Students Admissions Committee and reported to this University's Admissions Committee; they shall be implemented after approval by the Ministry of Education is given.

College of Electrical and Computer Engineering (ECE)

EECS International Graduate Program

Intake	Degree	Division/Group
	Program	
Spring semester	Doctor	 Nanoelectronic devices and circuit Communication Technology Photonics and Display Biomedical and Control Systems Computer Science and Artificial Intelligence
Language of Instruction	Full English-taugl	
	Requirement	s
Department Restrictions	Bachelor's/ Maste	er's degree in EECS related fields
Academic Grade Criteria	-	
Required Documents	processed if a documents is Admissions a Study plan Certificate of (certified transcripts of (including de GPA, class of translation is is not issued Two letters of Proof of Eng The English applicants mare requirement: TOEFL PBT500/0 (academic)	f highest educational level aslation is required if the original not issued in English or Chinese) of highest educational level escription of the grading system, or school ranking. Certified required if the original transcript in English or Chinese of recommendation lish language proficiency language proficiency of ust meet the following minimum

		award or proof of bank deposit, to be
		submitted during registration).
		• Passport or other proof of nationality
		• Taiwan Alien Resident Certificate (ARC, if
		 Applicants for doctoral programs must upload their master's thesis. Graduating master's students who are applying for doctoral programs must upload an outline of their master's thesis.
		2. Other supporting documents:
		 Proof of Chinese language proficiency
		3. Documents required by the department/institute
		Research proposal, Proof of ranking of highest
		degree obtained.
	P	Admission Review Factors
Selection	Preliminary	The primary exam: the comprehensive evaluation
Method	Review	of the application materials submitted by
		applicants.
	Second	Yes, interview (skype)
	Review	Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additional	l Requirement	-
]	Department/Institute Info
Introduction	on	A joint program sponsored by ECE & CS
		College
		Designed especially for International Students
		Courses delivered in English
		Acquaintance of Chinese language
Curriculum planning		Five concentrations:
		Nanoelectronic devices and circuit
		Communication Technology
		Photonics and Display
		Biomedical and Control Systems
		Computer Science and Artificial Intelligence
Career/Further Map		Certified by IEET, the diploma is worldwide

	recognized.	recognized. Students are expected to work		
	internationa	internationally upon graduation.		
Website	https://eecsi	https://eecsigp.nctu.edu.tw/		
Contact		Administration Staff		
	Name	Fumi / Wen-Hsuan Liao		
	Telephone	+886-3-5712121 Ext. 54027		
	Fax	+886-3-5723283		
	Email	fumi_eecsigp@nctu.edu.tw		

EECS International Graduate Program

Intake	Degree	Division/Group
	Program	
Spring semester	Master Full Foodish toval	 Nanoelectronic devices and circuit Communication Technology Photonics and Display Biomedical and Control Systems Computer Science and Artificial Intelligence
Language of Instruction		
D		
Department Restrictions Academic Grade Criteria	Bachelor's/ Maste	er's degree in EECS related fields
Required Documents	Requirements Bachelor's/ Master's degree in EECS related fiel - 1. Required documents (Application shall not processed if any of the following required documents is missing): • Admissions application form • Study plan • Certificate of highest educational level (certified translation is required if the origin certificate is not issued in English or Chinese • Transcripts of highest educational level (including description of the grading system GPA, class or school ranking. Certified translation is required if the original transcription is not issued in English or Chinese • Two letters of recommendation • Proof of English language proficiency The English language proficiency of applicants must meet the following minimum requirement: TOEFL PBT500/CBT173/ iBT73, IELTS 5.5 (academic) • Proof of financial ability (proof of scholarsh award or proof of bank deposit, to be	

		 Taiwan Alien Resident Certificate (ARC, if any) Applicants for doctoral programs must upload their master's thesis. Graduating master's students who are applying for doctoral programs must upload an outline of their master's thesis. Other supporting documents: Proof of Chinese language proficiency Documents required by the department/institute Research proposal, Proof of ranking of highest degree obtained 		
	T			
Selection	Preliminary	The primary exam: the comprehensive evaluation		
Method	Review	of the application materials submitted by		
		applicants.		
	Second	Yes, Interview (skype)		
	Review	Applicants who performed well in the preliminary		
		department review shall be selected for the second		
		review. The department shall notify applicants of		
		relevant second review information.		
Additiona	l Requirement	-		
		Department/Institute Info		
Introduction	on	A joint program sponsored by ECE & CS		
		College		
		Designed especially for International Students		
		• Courses delivered in English		
a		Acquaintance of Chinese language		
Curricului	n planning	Five concentrations:		
		Nanoelectronic devices and circuit		
		Communication Technology		
		Photonics and Display		
		Biomedical and Control Systems Computer Science and Artificial Intelligence		
Career/Fu	rther Man	Computer Science and Artificial Intelligence Certified by IEET, the diploma is worldwide		
Carcel/Fu	тшет тиар	Certified by IEET, the diploma is worldwide recognized. Students are expected to work		
		internationally upon graduation.		
		micrianonary upon graduation.		

Website	https://eecsigp.nctu.edu.tw/	
Contact information		Administration Staff
	Name	Fumi / Wen-Hsuan Liao
	Telephone	+886-3-5712121 Ext. 54027
	Fax	+886-3-5723283
	Email	fumi_eecsigp@nctu.edu.tw

International Ph.D. Program in Photonics (UST)

Intake	Degree Program Group		
Spring	Doctor		
Language of Instruction	Fully taught in English		
	Application Regulat	ions	
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Required document	ts (Application shall not be	
	processed if any of	the following required	
	documents is missi	ng):	
	 Admissions applie 	cation form	
	 Study plan 		
		nest educational level (certified	
	_	ired if the original certificate is	
	not issued in Engl	,	
		hest educational level	
	` -	tion of the grading system,	
		ool ranking. Certified	
	translation is required if the original transcript is		
	not issued in English or Chinese		
	Two letters of recommendationProof of English language proficiency		
		,	
	The English language proficiency of applicants must		
	meet the following minimum requirement:		
	TOEFL PBT500/CBT173/ iBT73, IELTS 5.5 (academic)		
	• Financial statement (proof of scholarship award		
		leposit, to be submitted during	
	registration).	spesii, te ee suomitied during	
	,	proof of nationality	
		ident Certificate (ARC, if any)	
		ctoral programs must upload	
		is. Graduating master's students	
	who are applying for doctoral programs must		
		of their master's thesis.	
	2. Other supporting do	cuments:	

1		A Donaf of Chinasa Laura Coi	
		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
		E.g.: CV/Resume, Research proposal	
Selection	Preliminary	Application material review: Comprehensive review	
Method	Review	of the application materials submitted by the	
		applicants.	
		Evaluation items: Academic performance, research	
		potential, practical skills, extracurricular activities, etc.	
	Second	Yes. Video interview.	
	Review	Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additional	l Requirement	-	
	De	partment/Institute Information	
Departmen	nt/Institute	The University System of Taiwan (UST) is a	
Profile		consortium of the four top research universities in	
		Taiwan, namely, National Chiao Tung University,	
		National Tsing Hua University, National Central	
		University, and National Yang Ming University. The	
		UST was founded to foster the enlightened and	
		creative integration of the outstanding research	
		personnel and resources of Taiwan's markedly	
		developed higher educational system. In the present	
		era of globalization in industry and academics, UST	
		stands committed to the internationalization of higher	
		education in Taiwan. The International Ph.D. Program	
		in Photonics has been established to make optimal use	
		of our integrated and international educational system	
		for the global development of photonics, and it offers	
		a complete range of educational and research	
		opportunities to Ph.D. students from around the world.	
Program C	Curriculum	We take pride in offering quality Ph.D. degree	
		program in the area of photonics, such as	
		nanophotonics, green photonics, biophotonics, optics,	
		display, solid state lighting, and so on, from the four	
		top universities in Taiwan.	
L		1 -	

Career and Future Map	-	
Website	https://dop.nctu.edu.tw/ustigpp/	
Contact information	Administration Staff	
	Name Ya-Ling Tung	
	Telephone +886-3-5712121#56303	
	Fax +886-3-5735601	
	Email ritatung@mail.nctu.edu.tw	

International College of Semiconductor Technology Graduate Program of International College of Semiconductor Technology

Intake	Degree Program	Group	
Spring	Master		
Language of	Fully taught in English		
Instruction			
	Application Regulat	ions	
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Required document	s (Application shall not be	
	processed if any of	the following required	
	documents is missing	ng):	
	 Admissions applic 	ation form	
	 Study plan 		
	• Certificate of high	est educational level (certified	
	translation is requi	red if the original certificate is	
	not issued in Engli	ish or Chinese)	
	Transcripts of highest educational level (including		
	description of the grading system, GPA, class or		
	school ranking. Certified translation is required if		
	the original transcript is not issued in English or		
	Chinese		
	Two letters of recommendation		
	Proof of English la	anguage proficiency	
	The English language p	proficiency of applicants must	
	meet the following min	imum requirement:	
	TOEFL PBT500/CBT1	73/ iBT73, IELTS 5.5	
	(academic)		
	• Financial statemen	at (proof of scholarship award	
	or proof of bank de	eposit, to be submitted during	
	registration).		
		Passport or other proof of nationality	
	Taiwan Alien Resi	dent Certificate (ARC, if any)	
	Applicants for doctoral programs must upload		
	their master's thesi	s. Graduating master's students	

1		1 1 6 1 1	
		who are applying for doctoral programs must	
		upload an outline of their master's thesis.	
		2. Other supporting documents:	
		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
		Curriculum Vitae	
	T	Research proposal	
Selection	Preliminary	Application material review: Comprehensive review of	
Method	Review	the application materials submitted by the applicants.	
		Evaluation items: academic performance, research	
		performance, research potential, other outstanding	
		performance.	
	Second	Yes. Interview.	
	Review	Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additiona	Additional -		
Requireme	ent		
	D	epartment/Institute Information	
Departmen	nt/Institute	International College of Semiconductor Technology	
Profile		(ICST) at National Chiao Tung University (NCTU) in	
		Taiwan focuses on "Internationalization" and	
		"Industrialization" to cultivate the top talents with the	
		innovation and professionals for next-generation	
		semiconductor technology and solid-state circuits. The	
		research areas of ICST include semiconductor	
		materials, solid-state electronic devices, system-in-	
		package (SiP), IC design and heterogeneous system	
		integration. The courses in ICST are taught in English.	
		Additionally, ICST provides opportunities and grants	
		for students to collaborate with semiconductor industry	
		(TSMC, MediaTek, Delta, etc.) and international	
		institutes (UC Berkeley, UCLA, IMEC, TIT, Tohoku	
		U., etc.). Moreover, ICST also provides several dual-	
		degree programs with top universities (UCLA, KU	
		Leuevn, TIT, IIT, etc.) for our students.	
Due sue c	Curriculum	Please refer to the course information in ICST website	
Program c	Juli louiuiii		

	for more details.		
	https://icst.nctu.edu.tw/?page_id=92⟨=en		
Career and Future Map	The International College of Semiconductor		
	Technology	(ICST) of NCTU is committed to the	
	developmen	t of high-end talents with global mobility.	
	The research	n focuses on semiconductor fields such as	
	semiconduc	tor materials, solid-state electronic	
	components	, high-end system packaging, integrated	
	circuit desig	n and heterogeneous systems integration.	
	Most of the graduates enter internationally renowned		
	semiconductor companies and chip design companies		
	and R&D departments, such as in TSMC, MediaTek,		
	RealTek, Qualcomm TW, Micron, and many diverse		
	and promising career paths.		
Website	http://icst.nctu.edu.tw/		
Contact information	Administration Staff		
	Name Ms. Yen-ling, Chou		
	Telephone	+886-3-5712121#55914	
	Fax	+886-3-5728335	
	Email <u>icst_ir@nctu.edu.tw</u>		

Graduate Program of International College of Semiconductor Technology

Intake	Degree Program	Group	
Spring	Doctor		
Language of	Fully taught in English		
Instruction			
	Application Regulat	ions	
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Required document	s (Application shall not be	
	processed if any of	the following required	
	documents is missing	ng):	
	Admissions applic	ration form	
	• Study plan		
	• Certificate of high	est educational level (certified	
	translation is requi	red if the original certificate is	
	not issued in Engli	ish or Chinese)	
	Transcripts of highest educational level (including		
	description of the grading system, GPA, class or		
	school ranking. Certified translation is required if		
	the original transcript is not issued in English or		
	Chinese		
	Two letters of recommendation		
	Proof of English language proficiency		
	The English language p	proficiency of applicants must	
	meet the following min	imum requirement:	
	TOEFL PBT500/CBT1	73/ iBT73, IELTS 5.5	
	(academic)Financial statement (proof of scholarship award		
	or proof of bank deposit, to be submitted during		
	registration).		
	• Passport or other p	proof of nationality	
	Taiwan Alien Resi	dent Certificate (ARC, if any)	
	Applicants for doctoral programs must upload		
	their master's thesis. Graduating master's students		
	who are applying	for doctoral programs must	

i			
		upload an outline of their master's thesis.	
		2. Other supporting documents:	
		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
		Curriculum Vitae	
		Research proposal	
Selection	Preliminary	Application material review: Comprehensive review of	
Method	Review	the application materials submitted by the applicants.	
		Evaluation items: academic performance, research	
		performance, research potential, other outstanding	
		performance.	
	Second	Yes. Interview.	
	Review	Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additional	[-	
Requireme	ent		
_	D	epartment/Institute Information	
Departmen	nt/Institute	International College of Semiconductor Technology	
Profile		(ICST) at National Chiao Tung University (NCTU) in	
		Taiwan focuses on "Internationalization" and	
		"Industrialization" to cultivate the top talents with the	
		innovation and professionals for next-generation	
		semiconductor technology and solid-state circuits. The	
		research areas of ICST include semiconductor	
		materials, solid-state electronic devices, system-in-	
		package (SiP), IC design and heterogeneous system	
		integration. The courses in ICST are taught in English.	
		Additionally, ICST provides opportunities and grants	
		for students to collaborate with semiconductor industry	
		(TSMC, MediaTek, Delta, etc.) and international	
		institutes (UC Berkeley, UCLA, IMEC, TIT, Tohoku	
		U., etc.). Moreover, ICST also provides several dual-	
		degree programs with top universities (UCLA, KU	
	Leuevn, TIT, IIT, etc.) for our students.		
Program C	Program Curriculum Please refer to the course information in ICST web		
110514111	- WILL WINIII	for more details.	
		for more details.	

	https://icst.nctu.edu.tw/?page_id=92⟨=en		
Career and Future Map	The International College of Semiconductor		
	Technology	(ICST) of NCTU is committed to the	
	developmen	t of high-end talents with global mobility.	
	The research	h focuses on semiconductor fields such as	
	semiconduc	tor materials, solid-state electronic	
	components	, high-end system packaging, integrated	
	circuit desig	n and heterogeneous systems integration.	
	Most of the	graduates enter internationally renowned	
	semiconductor companies and chip design companies		
	and R&D departments, such as in TSMC, MediaTek,		
	RealTek, Qualcomm TW, Micron, and many diverse		
	and promising career paths.		
Website	http://icst.nctu.edu.tw/		
Contact information	Administration Staff		
	Name Ms. Yen-ling, Chou		
	Telephone +886-3-5712121#55914		
	Fax +886-3-5728335		
	Email <u>icst_ir@nctu.edu.tw</u>		

College of Photonics (Tainan Campus) Graduate Program of College of Photonics

Intake	Degree Program Group		
Spring	Doctor		
Language of Instruction	Some English-taught, a	and some Chinese-taught	
	Application Regulat	ions	
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Required document	es (Application shall not be	
	processed if any of	the following required	
	documents is missing	ng):	
	 Admissions applic 	eation form	
	 Study plan 		
	 Certificate of high 	est educational level (certified	
	translation is requi	ired if the original certificate is	
	not issued in Engl	ish or Chinese)	
	 Transcripts of high 	nest educational level (including	
	description of the grading system, GPA, class or		
	school ranking. Co	ertified translation is required if	
	the original transcript is not issued in English or		
	Chinese		
	Two letters of recommendation		
	Proof of English language proficiency		
	The English language proficiency of applicants must		
	meet the following min	-	
	TOEFL PBT500/CBT1	73/ iBT73, IELTS 5.5	
	(academic)		
		nt (proof of scholarship award	
	_	eposit, to be submitted during	
	registration).		
		proof of nationality	
		ident Certificate (ARC, if any)	
	Applicants for doctoral programs must upload		
	their master's thesis. Graduating master's students		
	who are applying for doctoral programs must		
	upload an outline	of their master's thesis.	

Selection Method	Preliminary Review Second Review	 2. Other supporting documents: Proof of Chinese language proficiency 3. Documents required by the department/institute Suggested supporting documents: CV/Resume Application material review: Comprehensive review of the application materials submitted by the applicants. Evaluation items: academic GPA, research potential, practical skills, extracurricular activity, special talent, achievement and awards. Yes. Skype or video conference. Applicants who performed well in the preliminary 		
		department review. The	review shall be selected for the second department shall notify applicants of	
		relevant sec	ond review information.	
Additional	-	-		
Requireme				
-		Department/Institute Information		
Departmer	nt/Institute	College of Photonics Doctoral Program research field		
Profile	Profile		is classified into several featured research domains,	
		including optical communications, photonic devices		
		and systems, optical system design, solid-state		
		lighting, nano-technology for opto-electronic		
		conversion, imaging and biomedical photonics. The		
		students are allowed to find their thesis advisors		
			th the other institutes at the College and	
			in classes offered by the other programs	
			College for their credits. This flexibility	
		-	inique opportunity for the students to gain	
		interdiscipli	nary knowledge.	
Program C	Curriculum	-		
Career and	l Future Map	-		
Website		http://www.cop.nctu.edu.tw/index_en.html		
Contact in	formation	Administration Staff		
		Name	Liao, Yu-Ching	
		Telephone	+886-6-3032121	
		Fax	+886-6-3032535	
		Email	yuching@nctu.edu.tw	

Institute of Photonic System

Intake	Degree Program	Group	
Spring	Master		
Language of Instruction	Some English-taught,	and some Chinese-taught	
	Application Regulat	tions	
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Required documen	ts (Application shall not be	
	processed if any of	the following required	
	documents is missi	ing):	
	• Admissions appli	cation form	
	• Study plan		
	• Certificate of high	hest educational level (certified	
	translation is requ	aired if the original certificate is	
	not issued in Eng	lish or Chinese)	
	 Transcripts of highest educational level (including description of the grading system, GPA, class or school ranking. Certified 		
	translation is required if the original transcript is		
	not issued in English or Chinese		
	◆ Two letters of recommendation		
	Proof of English language proficiency		
	The English language proficiency of applicants must		
	meet the following minimum requirement:		
	TOEFL PBT500/CBT	173/ iBT73, IELTS 5.5	
	(academic)		
	• Financial stateme	nt (proof of scholarship award	
	or proof of bank of	deposit, to be submitted during	
	registration).		
	Passport or other proof of nationality		
	◆ Taiwan Alien Res	sident Certificate (ARC, if any)	
	◆ Applicants for do	ctoral programs must upload	
	their master's thes	sis. Graduating master's students	
	who are applying	for doctoral programs must	
	upload an outline	of their master's thesis.	
	2. Other supporting do	cuments:	

Ĭ					
		Proof of Chinese language proficiency			
		3. Documents required by the department/institute			
		Suggested supporting documents: CV/Resume			
Selection	Preliminary	Application material review: Comprehensive review			
Method	Review	of the application materials submitted by the			
		applicants.			
		Evaluation items: academic GPA, research potential,			
		practical skills, extracurricular activity, special talent,			
		achievement and awards			
	Second	Yes. Skype /Video conference.			
	Review	Applicants who performed well in the preliminary			
	120,120,1	department review shall be selected for the second			
		review. The department shall notify applicants of			
		relevant second review information.			
Additional	 Requirement	- Televant second review information.			
Additional Requirement -					
Danish		epartment/Institute Information			
Department/Institute		The research field is classified into three featured			
Profile		research domains: 1. Optical communications; 2.			
		Photonic devices and systems; 3. Optical system			
		design. Each focus domain is composed of several			
		academic and industry-academic co-op research areas.			
		The closely related research laboratories managed by			
		the current full-time faculty include Microwave			
		Photonics Laboratory (Jin-Ting LIN, CM228),			
		Photonics and Semiconductor Laboratory (Zu-Po			
		YANG, CM312), Optical Design Laboratory (Jui-Wen			
		PAN, CM335), Novel Photonic Devices Laboratory			
		(Chien-Chung LIN, CM336), and Micro/Nano Imaging			
		Systems Laboratory (Po-Sheng HU, CM338). Besides,			
		Dr. Jia-Ming LIU, adjunct chair professor, runs			
		Neurophotonics Laboratory (CM515) on the fifth floor			
		of Chi-Mei Building.			
		The ChiMei–NCTU Joint Lab for Biomedical Research			
		are operated by the photonic system faculty as well as			
		by the imaging and biomedical photonics faculty. The			
		Joint Lab is heavily involved with research projects			

handled by the Biomedical Electronics Translational			
Research Center (located on Kuangfu Campus,			
Hsinchu) and has been aggressively working on			
cooperative projects sponsored by ChiMei Medical			
Center, etc. since the Institute was established.			
The students are allowed to find their thesis advisors			
affiliated with the other institutes at the College and get			
enrolled in classes offered by the other programs within			
the College for their graduate credits. This flexibility			
provides a unique opportunity for the students to gain			
interdisciplinary knowledge.			
As for the curriculum design, the photonic system			
program offers about seven advanced courses and			
seven applied photonics courses each academic year in			
addition to the common (or college-wide) required core			
course Electro-Optics. These courses are designed for			
the students registered in this graduate program and			
also for those from the other institutes.			
-			
http://www.cop.nctu.edu.tw/menu03_en.html			
-			
	Administration Staff		
Name	Liao, Yu-Ching		
Telephone	+886-6-3032121		
Fax	+886-6-3032535		
Email	yuching@nctu.edu.tw		
	Research (Hsinchu) a cooperative Center, etc. The student affiliated wi enrolled in a the College provides a uninterdisciplic As for the program of seven applied addition to the course Election the students also for those course the students also for those course Election and for the students also for those course Election also for those		

Institute of Lighting and Energy Photonics

Degree Program	Group	
Master		
Some English-taught, and some Chinese-taught		
Application Regula	tions	
-		
-		
processed if any of documents is missi Admissions applie Study plan Certificate of high translation is requested in Englie translation is requested in Englie transcripts of high description of the school ranking. Certificate of the original transcripts of high description of the school ranking. Certificate transcripts of high description of the school ranking. Certificate transcripts of high description of the school ranking. Certificate transcripts of the original transcripts of English I The English language processed to the following min TOEFL PBT500/CBT1 (academic) Financial statement or proof of bank or registration). Passport or other thanks and the transcripts of the transcrip	nest educational level (certified ired if the original certificate is lish or Chinese) hest educational level (including grading system, GPA, class or ertified translation is required if cript is not issued in English or ommendation anguage proficiency proficiency of applicants must himum requirement:	
	Application Regular Application Regular - 1. Required document processed if any of documents is missing the study plan and translation is required not issued in English translation of the school ranking. Continese Transcripts of high description of the school ranking. Continese Transcripts of English In The English language processed in the following mint TOEFL PBT500/CBT1 (academic) Financial statement or proof of bank of registration). Passport or other in Taiwan Alien Research Applicants for documents is missing to the processed in th	

I			
		2. Other supporting documents:	
		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
		Suggested supporting documents:	
		CV/Resume	
Selection	Preliminary	Application material review: Comprehensive review of	
Method	Review	the application materials submitted by the applicants.	
		Evaluation items: academic performance, research	
		potential, practical skills, extracurricular activities, etc.	
	Second	Yes. Skype /video conference	
	Review	Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additional	[-	
Requireme	ent		
-		epartment/Institute Information	
Departmen		Taiwan government has established the future prospect	
Profile		of energy policy with emphases on renewable energy,	
		new energy applications, and energy saving	
		technologies. Among these goals, solid state lighting	
		and solar energy are within the scope of photonic	
		science. With the advantages of adjacent to Southern	
		Taiwan Science Park and abundant solar radiation in	
		southern Taiwan, it is significant that NCTU Photonic	
		Institute is also to focus on the development of solar	
		energy and related photonic technologies.	
		energy and related photome technologies.	
		In order to match the great demand of solar energy and	
		photonic industries, the NCTU Photonic Institute has	
		another important mission in training highly qualified	
		engineers and researchers. Backgrounds of	
		optoelectronic materials and device physics are	
		required for developing highly efficient displays such	
		as liquid crystal displays (LCDs), light-emitting diodes (LEDs) and organic light-emitting diodes (OLEDs). To	
		prepare engineers and researchers for the tasks of	
		developing advanced photonic technologies, the	

	ı		
	Institute of Lighting and Energy Photonics provides		
	various spec	cialized courses for students to establish	
	fundamenta	l knowledge of material science and	
	photonic physics.		
	The Institute of Lighting and Energy Photonics has		
	two main research groups:		
	1.Solid-state	e lighting	
	Solid-state 1	ighting with emphases in developing	
	energy-savii	ng technologies and utilizing	
	nanotechnol	ogies to enhance electroluminescence	
	efficiency of	f white light-emitting devices.	
	2.Nano-technologies for opto-electronic conversion		
	Nano-technologies for opto-electronic conversion with		
	emphases in applying nano-technologies in solar cells		
	to enhance power conversion efficiency.		
Program Curriculum	-		
Career and Future Map	-		
Website	http://www.	cop.nctu.edu.tw/menu03 02 en.html	
Contact information	Administration Staff		
	Name Liao, Yu-Ching		
	Telephone +886-6-3032121		
	Fax +886-6-3032535		
	Email yuching@nctu.edu.tw		
L			

Institute of Imaging and Biomedical Photonics

Intake	Degree Program	Group		
Spring	Master			
Language of Instruction Some English-taught, and some Chinese-taught				
	Application Regulat	ions		
Department	-			
Restrictions				
Academic Grade	-			
Criteria				
Required Documents	1. Required documen	ts (Application shall not be		
	processed if any of	the following required		
	documents is missi	ing):		
	Admissions appli	cation form		
	 Study plan 			
	Certificate of high	nest educational level (certified		
	translation is requ	aired if the original certificate is		
	not issued in Engl	not issued in English or Chinese)		
	Transcripts of highest educational level			
	(including descrip	otion of the grading system,		
	GPA, class or sch	ool ranking. Certified		
	translation is requ	ired if the original transcript is		
	not issued in English or Chinese			
	• Two letters of rec	ommendation		
	Proof of English 1	language proficiency		
	The English language proficiency of applicants must			
	meet the following minimum requirement:			
	TOEFL PBT500/CBT	173/ iBT73, IELTS 5.5		
	(academic)			
	• Financial stateme	nt (proof of scholarship award		
	or proof of bank deposit, to be submitted during			
	registration).			
	Passport or other proof of nationality			
	Taiwan Alien Resident Certificate (ARC, if			
	Applicants for do	ctoral programs must upload		
	their master's thes	sis. Graduating master's students		
	who are applying for doctoral programs must			
	upload an outline of their master's thesis.			
	2. Other supporting documents:			

		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
		Suggested supporting documents: CV/Resume	
Selection	Preliminary	Application material review: Comprehensive review	
Method	Review	of the application materials submitted by the	
		applicants.	
		Evaluation items: Academic performance, research	
	G 1	potential, practical skills, extracurricular activities, etc.	
	Second	Yes. Skype/ Video conference.	
	Review	Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
A 4 4*.*	1.0	relevant second review information.	
Additiona	l Requirement	-	
Б.		epartment/Institute Information	
_	nt/Institute	The Institute of Imaging and Biomedical Photonics was	
Profile		founded in 2009. The ultimate mission is to train the	
		students to become competent professionals at the level	
		of the Master's degree and beyond, who specialize in	
		imaging and biomedical photonics, for the insufficient R&D human resources highly demanded by the current	
		and future relevant industry and academia. The Institute	
		aims to excel by the following strategies:	
		1.To foster young talents with a strong basic and	
		applied science background in imaging and biomedical	
		photonics, the graduate students are provided with solid	
		training through the common core course (i.e., Electro-	
	Optics) as well as two course branches—advanced a		
	applied courses. Many opportunities are also availa		
		for the students enrolled in the program to obtain	
		interdisciplinary photonics education in order for them	
		to become photonics professionals and leaders of th	
		future with a global vision.	
		2. The Institute is dedicated to the promotion of	
		collaboration with industry, establishment of core	

technology of imaging and biomedical photonics, and nurture of R&D elite highly needed for the information display and biomedical photonics industries.

3.The Institute encompasses experts and professors from ChiMei Medical Center, CHIMEI Visual Technology Corporation, Department of Electronics Engineering and Department Electrical and Computer Engineering of NCTU as jointly appointed, adjunct and support faculty members. This strategy strengthens and enriches the faculty for cross-disciplinary integration and increases opportunities of industry-academic cooperation.

4. The Institute sets goals to carry out advanced and distinct photonics studies in collaboration with nearby research institutions including Southern Region Campus of Industry Technology Research Institute, Tainan Service Division of the National Nano Device Laboratories, Tainan Service Division of National Center for High-performance Computing, Southern Campus of Academia Sinica (under plan), and companies located in Southern Taiwan Science Park. In addition, our faculty members are devoted to research in biomedical electronics and biophotonics in close collaboration with domestic hospitals such as Chi Mei Hospital, Cheng Gung Memorial Hospitals, and Tzu Chi Hospitals.

The imaging and biomedical photonics faculty currently comprises seven full-time members, four joint-appointment professors, one adjunct professor, and four support professors. Every year the Institute admits 30 graduate students to enter the M.S. program through both applications and entrance examinations. In the academic year of 2014–2015, the available number of individuals for admission to the Ph.D. program is six.

Program Curriculum

_

Career and Future Map	http://www.cop.nctu.edu.tw/menu03_03_en.htmll		
Website	-		
Contact information	Administration Staff		
	Name	Liao, Yu-Ching	
	Telephone +886-6-3032121		
	Fax	+886-6-3032535	
	Email	yuching@nctu.edu.tw	

College of Engineering

Department of Mechanical Engineering

Intake	Degree Program	Group
Spring Language of Instruction		 Design and Manufacturing Energy and Thermofluids Solid Mechanics Control Micro and Nano
	our courses.	•
	Application Regul	lations
Department Restrictions Academic Grade	-	
Criteria		
Required Documents	processed if any documents is m Admissions app Study plan/ Mo Purpose (Please Certificate of his translation is remot issued in Er Transcripts of his (including descripts) GPA, class or set translation is remot issued in Er Two letters of remot issued in Er Two letters of remot issued in Er proof of English The English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote issued in Er proof of English language meet the following manual translation is remote in Er proof of English language meet the following manual translation is remote in Er proof of English language meet the following manual translation is remote in Er proof of English language meet the following manual translation is remote in Er proof of English language meet the following manual translation is remote in Er proof of English language meet the following manual translation is remote in Er proof of English language meet the following manual translation is remote in Er proof of English languag	ζ,

1		
		registration).
		Passport or other proof of nationality
		• Taiwan Alien Resident Certificate (ARC, if any)
		Applicants for doctoral programs must upload
		their master's thesis. Graduating master's students
		who are applying for doctoral programs must
		upload an outline of their master's thesis.
		2. Other supporting documents:
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
		Compulsory documents:
		CV/Resume, Research proposal
		Suggested supporting documents:
		Proof of ranking of highest degree obtained (proof of
		ranking in class and/or school/university), Projects.
Selection	Preliminary	Application material review: Comprehensive review of
Method	Review	the application materials submitted by the applicants.
		Evaluation items: Academic performance, research
		potential, practical skills.
	Second	Yes. Interview at the department for students who are
	Review	in Taiwan or interview by Skype.
		Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additiona	[-
Requireme	ent	
-		epartment/Institute Information
Departmen	nt/Institute	Located in Taiwan's Silicon Valley, the department of
Profile		Mechanical Engineering NCTU, renowned for its
		strong collaborative relationship with industry and
		interdisciplinary academic training, is the premier
		choice for overseas students to get their education in
		Taiwan. Currently the ME department has 30 faculty
		members with an enrollment of approximately 410
		undergraduate students and 350 graduate (70 PhD)
		students. The research focus in ME department
		includes: mechanical design and manufacturing
L		

(precision manufacturing, medical assistive devices,		
etc.), energy and thermos-fluid science (green		
energy, thermos-fluid in micro scale, etc.), solid		
mechanics	system controls (robotics, system	
dynamics, sa	ignal processing, etc.), and micro/nano	
technology	(MEMS, NEMS, etc.))	
For the cour	rse introduction and academic regulations,	
please check	k the link below:	
http://www.me.nctu.edu.tw/zh_tw/page6		
Related industries include CNC machining, electro-		
optical/ semiconductor manufacturing, material		
processing industry, energy industry, and		
transportation equipment manufacturing automa		
etc.		
https://www.me.nctu.edu.tw/		
Administration Staff		
Name	Mei-Ling Sun	
Telephone	+886-3-5131479	
Fax	+886-3-5720634	
Email <u>meisun@mail.nctu.edu.tw</u>		
	etc.), energy energy, there mechanics dynamics, so technology For the court please check http://www. Related index optical/ semprocessing is transportation etc. https://www. Name Telephone Fax	

Department of Mechanical Engineering

Intake	Degree Program	Group	
Spring	Doctor	Design and Manufacturing	
		• Energy and Thermofluids	
		Solid Mechanics and	
		Control	
		Micro and Nano	
		Engineering	
Language of Instruction	English-taught cours	ses account for about 15% of all	
	our courses.		
	Application Regul	lations	
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Required docum	ents (Application shall not be	
	processed if any	of the following required	
	documents is missing):		
	◆ Admissions application form		
	◆ Study plan /		
	Motivation Letter/Statement of Purpose (Please		
	state field /direction of research)		
	• Certificate of hi	ighest educational level (certified	
	translation is re	quired if the original certificate is	
	not issued in Er	nglish or Chinese)	
	 Transcripts of h 	ighest educational level	
	(including desc	ription of the grading system,	
	GPA, class or so	chool ranking. Certified	
	translation is re	quired if the original transcript is	
		nglish or Chinese	
	• Two letters of re	ecommendation	
		h language proficiency	
		ge proficiency of applicants must	
		ninimum requirement:	
		T173/ iBT73, IELTS 5.5	
	(academic)		
	• Financial staten	nent (proof of scholarship award	
	or proof of banl	k deposit, to be submitted during	

		ragistration		
		registration).		
		Passport or other proof of nationality This part of the Control of the Cont		
		Taiwan Alien Resident Certificate (ARC, if any) Applicants for doctoral programs must upleed		
		Applicants for doctoral programs must upload their mester's thesis. Graduating mester's students.		
		their master's thesis. Graduating master's students		
		who are applying for doctoral programs must		
		upload an outline of their master's thesis.		
		2. Other supporting documents:		
		Proof of Chinese language proficiency		
		3. Documents required by the department/institute		
		Compulsory documents:		
		CV/Resume, Research proposal		
		Suggested supporting documents:		
		Proof of ranking of highest degree obtained (proof of		
		ranking in class and/or school/university), Projects.		
Selection	Preliminary	Application material review: Comprehensive review of		
Method	Review	the application materials submitted by the applicants.		
		Evaluation items: Academic performance, research		
		potential, practical skills.		
	Second	Yes. Interview at the department for students who are		
	Review	in Taiwan or interview by Skype.		
		Applicants who performed well in the preliminary		
		department review shall be selected for the second		
		review. The department shall notify applicants of		
		relevant second review information.		
Additiona	1	-		
Requireme	ent			
	De	epartment/Institute Information		
Departmen	nt/Institute	Located in Taiwan's Silicon Valley, the department of		
Profile		Mechanical Engineering NCTU, renowned for its		
		strong collaborative relationship with industry and		
		interdisciplinary academic training, is the premier		
		choice for overseas students to get their education in		
		Taiwan. Currently the ME department has 30 faculty		
		members with an enrollment of approximately 410		
		undergraduate students and 350 graduate (70 PhD)		
		students. The research focus in ME department		
		includes: mechanical design and manufacturing		

	(precision manufacturing, medical assistive devices,		
	etc.), energy	y and thermos-fluid science (green	
	energy, thermos-fluid in micro scale, etc.), solid		
	mechanics system controls (robotics, system		
	dynamics, signal processing, etc.), and micro/nano		
	technology	(MEMS, NEMS, etc.))	
Program Curriculum	For the cour	rse introduction and academic regulations,	
	please checl	k the link below:	
	https://www.me.nctu.edu.tw/zh_tw/page7		
Career and Future Map	Related industries include CNC machining, electro-		
	optical/ semiconductor manufacturing, material		
	processing industry, energy industry, and		
	transportation equipment manufacturing automation,		
	etc.		
Website	https://www.me.nctu.edu.tw/		
Contact information	Administration Staff		
	Name	Mei-Ling Sun	
	Telephone	+886-3-5131479	
	Fax +886-3-5720634		
	Email <u>meisun@mail.nctu.edu.tw</u>		
L	I .	I.	

Department of Civil Engineering

Intake	Degree Program	Group	
Spring	Master	1. Construction Engineering and	
	Doctor	Management	
		2. Geotechnical Engineering	
		3. Hydraulic and Ocean	
		Engineering	
		4. Structural Engineering	
		5. Surveying Engineering	
		6. Information Technology	
Language of Instruction	Need to take Chinese-	taught courses to meet	
	graduation requiremen	nts	
	Application Regula	tions	
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Required document	nts (Application shall not be	
	processed if any o	f the following required	
	documents is miss	sing):	
	Admissions application formStudy plan		
	Certificate of highest educational level (certified)		
	translation is required if the original certificate is		
	not issued in Eng	glish or Chinese)	
	 Transcripts of high 	ghest educational level	
	(including descri	ption of the grading system,	
	GPA, class or sch	nool ranking. Certified	
	translation is req	uired if the original transcript is	
	not issued in Eng	glish or Chinese	
	• Two letters of rec	commendation	
	 Proof of English 	language proficiency	
	The English language	proficiency of applicants must	
	meet the following mi	inimum requirement:	
	TOEFL PBT500/CBT	173/ iBT73, IELTS 5.5	
	(academic)		
	• Financial stateme	ent (proof of scholarship award	
	or proof of bank deposit, to be submitted during		

ī		
		registration).
		Passport or other proof of nationality
		 Taiwan Alien Resident Certificate (ARC, if any) Applicants for doctoral programs must upload
		their master's thesis. Graduating master's students
		who are applying for doctoral programs must
		upload an outline of their master's thesis.
		2. Other supporting documents:
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
Selection	Preliminary	Application material review: Comprehensive review
Method	Review	of the application materials submitted by the
		applicants.
	Second	Yes. Interview.
	Review	Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additiona	l Requirement	-
	De	epartment/Institute Information
Departmen	nt/Institute	After years of expansion and development, our faculty
Profile		members' qualification as well as the facilities in our
		department have achieved the highest standards.
		Whether in instructing or researching, our department
		is always highly scored among universities in Taiwan
		in the field of structure engineering, construction
		management, hydraulic and ocean engineering,
		geotechnical engineering, survey engineering and
		information technology engineering. We have 29
		fulltime faculty member, all of them are PhDs from
		prestigious domestic and overseas universities.
		Compare with civil engineering departments in other
		universities, we have a lower teacher-student ratio,
		which means, every student can receive more
		individual attention from the teachers.

Program Curriculum	For our department to increase educational effects in order to make graduates to meet the future needs of human resource market, we are currently reforming our curriculum. Not only to reinforce conventional civil engineering subjects, but also to open new undergraduate courses such as, [applying computer to construction management] and [introduction to GPS], new graduated courses such as [global positioning system], [constructability and construction business intelligence], [large project finance], [remote sensing] and [application of AI to civil engineering], to keep our education in pace with current scientific developments.
	nanometer technology to civil engineering 2. High-tech factory building vibration(quake) prevention research 3. High efficiency calculation research 4. To develop new technologies for anti-quake experiments 5. R&D on space positioning technology 6. R&D and integrations on space and water conservancy information systems 7. Real-time observation and decision supporting systems 8. Smart Materials and composites 9. Computational Mechanics
Career and Future Map	Engineering consulting firms, construction corporations, engineering contractors, government agencies, high-tech manufacturers, and academic and R&D institutes
Website	https://cv.nctu.edu.tw/

Contact information	Administration Staff		
	Name	Chia-Jung Li	
	Telephone	+886-3-5712121#54906	
	Fax	+886-3-5716257	
	Email	chiajungli@nctu.edu.tw	

Department of Materials Science and Engineering

Intake	Degree Program	Group	
Spring	Master		
	Doctor		
Language of	Mainly taught in Chinese		
Instruction			
	Application Regulat	ions	
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Required document	ts (Application shall not be	
	processed if any of	the following required	
	documents is missi	ng):	
	 Admissions applie 	cation form	
	 Study plan 		
	• Certificate of high	est educational level (certified	
	translation is requ	ired if the original certificate is	
	not issued in English or Chinese)		
	• Transcripts of highest educational level (including		
	description of the grading system, GPA, class or		
	school ranking. Co	ertified translation is required if	
	the original transc	ript is not issued in English or	
	Two letters of reco	ommendation	
		anguage proficiency	
		proficiency of applicants must	
	meet the following mir	• • •	
	TOEFL PBT500/CBT1	-	
	(academic)	1737 18173, 18213 3.3	
	, ,	nt (proof of scholarship award	
		leposit, to be submitted during	
	registration).	1 ,	
		proof of nationality	
	-	ident Certificate (ARC, if any)	
		ctoral programs must upload	
		is. Graduating master's students	

		who ar	e applying for doctoral programs must	
		upload an outline of their master's thesis.		
		2. Other supporting documents:		
		Proof of Chinese language proficiency		
		3. Documents required by the department/institute		
Selection	Preliminary	Application material review: Comprehensive review of		
Method	Review	the applicati	on materials submitted by the applicants.	
		Evaluation i	tems: Academic GPA, research potential,	
		practical ski	lls, extracurricular activity, special talent,	
		achievemen	t and awards.	
	Second	Yes. Intervie	ew (Skype Meeting)	
	Review	Applicants v	who performed well in the preliminary	
		department	review shall be selected for the second	
		review. The department shall notify applicants of		
		relevant second review information.		
Additional		-		
Requireme	Requirement			
De		epartment/In	stitute Information	
Departmen	Department/Institute		http://www.mse.nctu.edu.tw/en/index.html	
Profile				
Program C	Curriculum	http://www.mse.nctu.edu.tw/en/index.html		
Career and	l Future Map	http://www.mse.nctu.edu.tw/en/index.html		
Website		http://www.mse.nctu.edu.tw/en/index.html		
Contact information			Administration Staff	
		Name	Hui-Hsin Yu	
		Telephone	+886-3-5712121-55303	
		Fax	+886-3-5724727	
		Email	fairy681219@mail.nctu.edu.tw	
1			1	

International Ph.D. Program in Environmental Science and Technology (UST)

Intake	Degree Program	Group		
Spring	Doctor			
Language of	Sufficiently taught in En	Sufficiently taught in English to satisfy graduation		
Instruction	requirements (not require	red to take courses taught in		
	Chinese)			
	Application Regulat	ions		
Department	-			
Restrictions				
Academic Grade	-			
Criteria				
Required Documents	1. Required documents	s (Application shall not be		
	processed if any of t	he following required		
	documents is missin	g):		
	◆ Admissions applies	ation form		
	Study plan			
	• Certificate of higher	est educational level (certified		
	translation is requi	red if the original certificate is		
	not issued in Engli	sh or Chinese)		
	• Transcripts of high	est educational level (including		
	description of the g	grading system, GPA, class or		
	school ranking. Ce	rtified translation is required if		
	the original transcr	ipt is not issued in English or		
	Chinese			
	• Two letters of reco	mmendation		
	Proof of English la	nguage proficiency		
	The English language p	roficiency of applicants must		
	meet the following mini	mum requirement:		
	TOEFL PBT500/CBT17	73/ iBT73, IELTS 5.5		
	(academic)			
	Financial statemen	t (proof of scholarship award or		
	proof of bank depo	sit, to be submitted during		
	registration).			
	• Passport or other p	roof of nationality		
	◆ Taiwan Alien Resid	dent Certificate (ARC, if any)		
		toral programs must upload		
	their master's thesi	s. Graduating master's students		

I		1 1' C 1 1
		who are applying for doctoral programs must upload an outline of their master's thesis.
		2. Other supporting documents:
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
		Compulsory documents:
		CV/Resume, Proof of ranking of highest degree
		obtained (proof of ranking in class and/or
		school/university), Explanation of grading system of
		highest degree obtained
		Suggested supporting documents:
		Research proposal · GRE certificate
Selection	Preliminary	Application material review: Comprehensive review of
Method	Review	the application materials submitted by the applicants.
		Evaluation items: Academic GPA, research potential,
		practical skills, extracurricular activity, special talent,
		achievement and awards.
	Second	Yes. Interview (phone or skype)
	Review	(Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additional		-
Requireme		
requirem	_	epartment/Institute Information
Departmen	nt/Institute	The Institute of Environmental Engineering at NCTU
Profile	11/ IIISHUUC	
Fione		offers MS and Ph.D. degrees in Environmental
		Engineering. Located near the Science Based Industrial
		Park,a worldwide famous industrial area that has
		billions of dollars of yields in high-tech industries such
		as semiconductor and opto-electronic industries, the
		Institute has become a leading research institute in the
		area of pollution control for these industries and
		students have been trained to solve problems which
		could not be found in the text books. The research areas
		are grouped into four categories: Environmental
		Nanotechnology · Environmental Biotechnology ·
		Sustainable Environmental Technology \

	Environmental Monitoring.		
Program Curriculum	For course requirement please visit:		
	http://www.ev.nctu.edu.tw/study/recruit.php?class=101		
Career and Future Map	-		
Website	http://www.ev.nctu.edu.tw/main.php		
Contact information	Administration Staff		
	Name Li-Lin Huang		
	Telephone	+886-3-5712121#55502	
	Fax +886-3-5725958		
	Email	lilin@mail.nctu.edu.tw	

Graduate Program of Nanotechnology, Dept. of Materials Science and Engineering

Intake	Degree Program	Group		
Spring	Master			
Language of	Mainly taught in Chines	se		
Instruction				
	Application Regulation	ions		
Department	-			
Restrictions				
Academic Grade	-			
Criteria				
Required Documents	1. Required documents	s (Application shall not be		
	processed if any of t	he following required		
	documents is missin	g):		
	Admissions applications	ation form		
	Study plan			
	• Certificate of higher	est educational level (certified		
	translation is requir	red if the original certificate is		
	not issued in Engli	sh or Chinese)		
	• Transcripts of highest educational level (including			
	description of the g	grading system, GPA, class or		
	school ranking. Ce	rtified translation is required if		
	the original transcr	ipt is not issued in English or		
	Chinese			
	• Two letters of reco	mmendation		
	◆ Proof of English la	nguage proficiency		
	The English language pr	roficiency of applicants must		
	meet the following mini	mum requirement:		
	TOEFL PBT500/CBT17	73/ iBT73, IELTS 5.5		
	(academic)			
	• Financial statemen	t (proof of scholarship award or		
	proof of bank depo	sit, to be submitted during		
	registration).			
	• Passport or other p	roof of nationality		
		dent Certificate (ARC, if any)		
	= =	toral programs must upload		
	their master's thesis	s. Graduating master's students		

		who ar	e applying for doctoral programs must	
		upload an outline of their master's thesis.		
		2. Other supporting documents:		
			of Chinese language proficiency	
		3. Documen	ts required by the department/institute	
Selection	Preliminary	Application material review: Comprehensive review of		
Method	Review	the applicati	on materials submitted by the applicants.	
		Evaluation i	tems: Academic GPA, research potential,	
		practical ski	lls, extracurricular activity, special talent,	
		achievemen	t and awards.	
	Second	Yes. Intervie	ew (Skype Meeting).	
	Review	Applicants v	who performed well in the preliminary	
		department	review shall be selected for the second	
		review. The department shall notify applicants of		
		relevant second review information.		
Additiona		-		
Requireme	Requirement			
	D		nstitute Information	
Departmen	nt/Institute	http://web.it	.nctu.edu.tw/~INT/index.php	
Profile				
Program C	Curriculum	http://web.it	.nctu.edu.tw/~INT/index.php?/download	
Career and	l Future Map	http://web.it.nctu.edu.tw/~INT/index.php		
Website		http://web.it.nctu.edu.tw/~INT/index.php		
Contact information			Administration Staff	
		Name	Ms. Hsu Szu-Yi	
		Telephone	+886-3-5712121#55801	
		Fax	+886-3-5724727	
		Email	betty0422@cc.nctu.edu.tw	
-				

College of Science

Department of Electrophysics

Intake	Degree Program	Group	
Spring	Master		
Language of	Mainly taught in Chinese		
Instruction			
	Application Regulations		
Department	Bachelor's degree in science or engineeri	ng.	
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Required documents (Application sl	nall not be	
	processed if any of the following red	quired	
	documents is missing):		
	• Admissions application form		
	Study plan		
	• Certificate of highest educational l	evel (certified	
	translation is required if the original	al certificate is	
	not issued in English or Chinese)		
	Transcripts of highest educational level (including		
	description of the grading system, GPA, class or		
	school ranking. Certified translation is required if		
	the original transcript is not issued	in English or	
	Chinese		
	Two letters of recommendation		
	Proof of English language proficie	•	
	The English language proficiency of ap	-	
	meet the following minimum requirement		
	TOEFL PBT500/CBT173/ iBT73, IELT	S 5.5	
	(academic)		
	• Financial statement (proof of schol	-	
	proof of bank deposit, to be submit registration).	tted during	
	Passport or other proof of nationals	ity	
	Taiwan Alien Resident Certificate	_	
	 Applicants for doctoral programs r master's thesis. Graduating master' 	nust upload their	

		are applying for doctoral programs must upload an outline of their master's thesis.	
		2. Other supporting documents:	
		 Proof of Chinese language proficiency 	
		3. Documents required by the department/institute	
Selection	Preliminary	Application material review: Comprehensive review of	
Method	Review	the application materials submitted by the applicants.	
Wicthod	Second	11 7 11	
		Yes. Interview (phone or skype)	
	Review	Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additional		-	
Requireme	ent		
	D	epartment/Institute Information	
Departmen	nt/Institute	The department of <i>Electrophysics at NCTU</i> led Taiwan's	
Profile		high-tech miracle from the booming ears of the	
		semiconductor industries in 60s and electro-optical	
		industries in 80s. Nowadays, aiming at academic	
		excellence, the department of <i>Electrophysics</i> integrates its	
		research efforts into some major areas: condensed matter	
		physics, laser physics and application, electronics,	
		optoelectronic semiconductors, nanotechnology, quantum	
		theory, spin physics etc.	
Program C	Curriculum	http://www.ep.nctu.edu.tw/curriculums/curriculum_lists_t	
8		w/curriculum_category1_id:2	
		http://www.ep.nctu.edu.tw/filedownloads/filedownload cu	
		rriculum lists tw/filedownload category1 id:6	
		integram_nots_tw/ intege winouta_eutegory i_ia.o	
Career and	I Future Map	Alumni serve in top institutions and major companies	
Cureer une	i i diare map	worldwide build up an influential network that becomes a	
		grand asset to the department.	
		http://www.ep.nctu.edu.tw/admissions/admission_lists_tw/	
		admission_category1_id:5	
		http://www.ep.nctu.edu.tw/admissions/admission_lists_tw/	
		admission_category1_id:1	
VV ₀ 1		1.44//	
Website		http://www.ep.nctu.edu.tw/	

Contact information	Administration Staff	
	Name	Vera Hsu
	Telephone	+886-3-5712121 ext.56103
	Fax	+886-3-5725230
	Email	verahsu@cc.nctu.edu.tw

Department of Electrophysics

epartment of Electrop		Croun	
	5 5	Group	
	Mainly taught in Chinese		
Instruction	A 11 (1 D 1 (1		
D	1		
*	Bachelor's/Master's degree in	science or engineering	
Academic Grade	-		
Criteria			
Required Documents	 if any of the following re Admissions application Study plan Certificate of highest ed translation is required if issued in English or Chi Transcripts of highest ed description of the gradin ranking. Certified translatranscript is not issued i Two letters of recomme Proof of English langua The English language proficithe following minimum requestree TOEFL PBT500/CBT173/ iE Financial statement (profile in the following statement (profile in the follo	ducational level (certified of the original certificate is not sinese) ducational level (including ng system, GPA, class or school ation is required if the original n English or Chinese ndation ge proficiency sency of applicants must meet irement: 3T73, IELTS 5.5 (academic) of of scholarship award or	
	registration). • Passport or other proof	o be submitted during of nationality Certificate (ARC, if any)	
	1 -	o be submitted during	
	1 -	o be submitted during	
	1 -	b be submitted during	
	I proof of bank denocit to	1 1 1 1 1	
	•	•	
		,	
	TOEFL PBT500/CBT173/ iE	BT73, IELTS 5.5 (academic)	
		• • • •	
		• •	
	Proof of English language proficiency		
	Two letters of recommendation		
	transcript is not issued in English or Chinese		
		•	
	ranking. Certified transl	ation is required if the original	
	description of the gradin	ng system, GPA, class or school	
	• Transcripts of highest ed	ducational level (including	
		,	
		`	
	• •		
		form	
Required Documents		-	
	1 Paguired decuments (An	nlication shall not be processed	
	-		
	_		
Restrictions	Buenerer symmetric stagree in	second of engineering	
Department	Bachelor's/Master's degree in		
	Application Regulation	18	
Instruction			
Language of	Mainly taught in Chinese		
Spring	Doctor		
Intake	Degree Program	Group	

I		Suggested support	ing document:
		Suggested support	
		 Proof of Chinese Language Proficiency Compulsory documents: 	
		Suggested supporting documents:	
		_	t certificate, awards, and proof of ranking
			obtained (proof of ranking in class and/or
		school/university)	
Selection	Preliminary	Application material review: Comprehensive review of the	
Method	Review		ials submitted by the applicants.
		Evaluation items:	Academic GPA, research potential,
		practical skills, ex	stracurricular activity, special talent,
		achievement and	awards, etc.
	Second	Yes. Interview (pl	none or skype).
	Review	Applicants who p	erformed well in the preliminary
		department review	w shall be selected for the second review.
		The department sl	hall notify applicants of relevant second
		review information	on.
Additional			
Requireme	ent		
		Department/Insti	tute Information
Departmen	nt/Institute	The department of	Electrophysics at NCTU led Taiwan's high-
		the booming ears of the semiconductor	
		industries in 60s and electro-optical industries in 80s.	
		Nowadays, aiming at academic excellence, the department of	
		Electrophysics integrates its research efforts into some major	
		areas: condensed r	natter physics, laser physics and application,
		electronics, optoel	ectronic semiconductors, nanotechnology,
		quantum theory, spin physics etc.	
Program C	Curriculum		tu.edu.tw/curriculums/curriculum lists tw/
		curriculum category1 id:3	
Career and	l Future Map	= -	tu.edu.tw/admissions/admission_lists_tw/
	- 1 mm	admission_catego	
Website			
Contact in	formation	http://www.ep.nctu.edu.tw/ Administration Staff	
		Name	Vera Hsu
		Telephone	+886-3-5712121 ext.56103
		-	
		Fax	+886-3-5725230
1		Email	verahsu@cc.nctu.edu.tw

Department of Applied Mathematics

Intake	Degree Program	Group
Spring	Master	*Master
	Doctor	Choose one of the following
		groups:
		A: Analysis and Geometry
		B: Combinatorics
		*Doctoral
		Choose one of the following
		groups:
		A: Analysis and Geometry
		B: Combinatorics
		C: Scientific Computation and
		Modeling
Language of Instruction	English- Chinese	
	Application Regula	ations
Department	-	
Restrictions		
Academic Grade	-	
Criteria		
Required Documents	1. Required docume	nts (Application shall not be
	processed if any o	of the following required
	documents is miss	sing):
	 Admissions appl 	lication form
	Study plan	
	•	ghest educational level (certified
		uired if the original certificate is
	not issued in Eng	glish or Chinese)
	*	ghest educational level
	, C	iption of the grading system,
		hool ranking. Certified
	-	uired if the original transcript is
	not issued in Eng	
	• Two letters of re	
		language proficiency
		e proficiency of applicants must
	meet the following m	•
	TOEFL PBT500/CBT	T173/ iBT73, IELTS 5.5

I		
		(academic)
		• Financial statement (proof of scholarship award
		or proof of bank deposit, to be submitted during
		registration).
		Passport or other proof of nationality
		 Taiwan Alien Resident Certificate (ARC, if any) Applicants for doctoral programs must upload their master's thesis. Graduating master's students
		who are applying for doctoral programs must upload an outline of their master's thesis.
		2. Other supporting documents:
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
Selection	Preliminary	Application material review: Comprehensive review
Method	Review	of the application materials submitted by the
		applicants.
	Second	Yes. Interview (A video conference interview will be
	Review	hosted by the admission committee of the department.)
		Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additiona	1	-
Requireme	ent	
-		epartment/Institute Information
Departmen	nt/Institute	The department currently has five research groups:
Profile		"Mathematical Modeling and Scientific Computing",
		"Dynamical Systems and Differential Equations",
		"Discrete Mathematics and Optimization", "Financial
		Engineering and Probability" and "Number Theory,
		Geometry and Analysis".
Program C	Curriculum	Master's Students have to complete at least 24 credits
		PhD Students have to complete at least 18 credits
		Further information and requirements can be found
		here http://www.math.nctu.edu.tw
Career and	d Future Map	Financial and business administration
		Electrical and information engineering
L		1

	Teaching in colleges and universities		
	Medical engineering and industrial engineering		
	Research institutes,		
	Others: pharmaceutical company, business, traditional		
	industries, etc		
Website	http://www.math.nctu.edu.tw		
Contact information	Administration Staff		
	Name	CHEN YINYIN	
	Telephone	+886-3-5722088,	
		.0060	
		+886-3-5712121ext.56457	
	Fax	+886-3-5712121ext.56457 +886-3-5724679	

Graduate Program Mathematics modeling and Scientific Computing,

Dept. of Applied Mathematics

Intake	Degree Program	Group
Spring	Master	
Language of Instruction	With sufficient English-tau graduation requirements (n Chinese-taught courses)	•
	Application Regulations	
Department Restrictions	-	
Academic Grade Criteria	-	
Required Documents	translation is required is not issued in Englis Transcripts of highest (including description GPA, class or school retranslation is required not issued in English of Two letters of recommorms Proof of English language profit meet the following minimum TOEFL PBT500/CBT173/(academic) Financial statement (proof of bank deports or other proof of the proof	following required on form on letter/Statement of educational level (certified if the original certificate the or Chinese) educational level of the grading system, ranking. Certified if the original transcript is or Chinese mendation tage proficiency iciency of applicants must tam requirement: iBT73, IELTS 5.5 proof of scholarship award sit, to be submitted during of of nationality at Certificate (ARC, if any) all programs must upload

		students who are applying for doctoral programs must upload an outline of their master's thesis.	
		2. Other supporting documents:	
		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
Selection	Preliminary	Application material review: Comprehensive review	
Method	Review	of the application materials submitted by the	
		applicants.	
		Evaluation items: Academic performance, research	
		potential, practical skills, extracurricular activities,	
		etc.	
	Second	Yes. Interview (A video conference interview will be	
	Review	hosted by the admission committee of the	
		department.)	
		Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additional	Requirement	-	
	Del	partment/Institute Information	
Departmen	nt/Institute	The department currently has five research groups:	
Profile		"Mathematical Modeling and Scientific Computing",	
		"Dynamical Systems and Differential Equations",	
		"Discrete Mathematics and Optimization", "Financial	
		Engineering and Probability" and "Number Theory,	
		Geometry and Analysis".	
Program C	Curriculum	Master's Students have to complete at least 24	
		credits.	
		Further information and requirements can be found	
		here http://www.math.nctu.edu.tw	
Career and	l Future Map	Financial and business administration	
		Electrical and information engineering	
		Teaching in colleges and universities	
		Medical engineering and industrial engineering	
		Research institutes,	
		Others: pharmaceutical company, business,	
		traditional industries, etc	
Website		http://www.math.nctu.edu.tw	

Contact information	Administration Staff	
	Name	CHEN YINYIN
	Telephone	+886-3-5722088,
		+886-3-5712121ext.56457
	Fax	+886-3-5724679
	Email	chenii@mail.nctu.edu.tw

Department of Applied Chemistry

Intake	Degree Program	Group	
Spring	Master		
	Doctor		
Language of Instruction	n Sufficiently taught in English to satisfy graduation		
	requirements (not requi	ired to take courses taught in	
	Chinese)		
	Application Regulat	ions	
Department	Chemistry related degr	ees	
Restrictions			
Academic Grade	60 points/100 or above	(GPA)	
Criteria			
Required Documents	1. Required document	ts (Application shall not be	
	processed if any of	the following required	
	documents is missi	ng):	
	Admissions application form		
	Study plan (Motivation letter/Statement of		
	purpose)		
	• Certificate of highest educational level (certified		
	translation is required if the original certificate is		
	not issued in Engl	ish or Chinese)	
	• Transcripts of high	hest educational level	
	(including descrip	tion of the grading system,	
	GPA, class or scho	ool ranking. Certified	
	translation is requ	ired if the original transcript is	
	not issued in Engl	ish or Chinese	
	◆ Two letters of recommendation		
	 Proof of English language proficiency 		
	The English language proficiency of applicants must		
	meet the following minimum requirement:		
	TOEFL PBT500/CBT173/ iBT73, IELTS 5.5		
	(academic)		
	Financial statement	nt (proof of scholarship award	
	or proof of bank d	leposit, to be submitted during	
	registration).		
	• Passport or other 1	proof of nationality	
	◆ Taiwan Alien Res	ident Certificate (ARC, if any)	

		 Applicants for doctoral programs must upload their master's thesis. Graduating master's students who are applying for doctoral programs must upload an outline of their master's thesis. Other supporting documents: Proof of Chinese language proficiency Documents required by the department/institute Compulsory documents: CV/Resume Suggested supporting documents:
Calastian	Dualinainan	GRE certificate (chemistry)
Selection Method	Preliminary Review	Application material review: Comprehensive review
Memod	Keview	of the application materials submitted by the applicants.
		Evaluation items: Academic GPA, research potential.
	Second	Yes. Online interview.
	Review	Applicants who performed well in the preliminary
	Keview	department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additional	<u> </u>	-
Requireme		
		epartment/Institute Information
Departmen	nt/Institute	The department interacts closely with and receives
Profile		projects and supports from both industrial and
		government agencies. Research programs with high
		co-relation to many fields are currently in progress at
		the department including such fields as drug design
		and synthesis, supra molecule synthesis,
		photochemistry, enzyme chemistry, protein
		engineering, micro-fluidic analysis, bio-analysis,
		single molecular detection, molecular dynamics, laser
		chemistry, ultra-fast kinetics, nano-materials,
		superconductive materials, polymer materials, polymer
		science and technology, materials in the applications
		of photoelectronics and regenerated energy, computer
		simulation and theoretical calculation etc. These
		studies are grouped in 6 major fields, which are highly
		conjugated to a platform of interdisciplinary molecular

	science research.	
Program Curriculum	https://dac.nctu.edu.tw/downloads/03-master	
	https://dac.n	actu.edu.tw/downloads/04-phd
Career and Future Map	-	
Website	https://dac.nctu.edu.tw/	
Contact information	Administration Staff	
	Name	Tsung-Hsien Li
	Telephone	+886-3-5731643
	Fax	+886-3-5723764
	Email	tsunghsienli@nctu.edu.tw

Graduate Program in Molecular Science, Dept. of Applied Chemistry

Intake	Degree Program	Group
Spring	Master	
Language of Instruction	Sufficiently taught in English to satisfy graduation requirements (not required to take courses taught in Chinese)	
	Application Regulat	ions
Department	Chemistry related degr	rees
Restrictions		
Academic Grade Criteria	60 points/100 or above	(GPA)
Required Documents	processed if any of documents is missi Admissions applie Study plan (Motive purpose) Certificate of high translation is requested in Engle Transcripts of high (including descript GPA, class or scheet translation is requested in Engle) Two letters of receet Proof of English In The English language In meet the following mint TOEFL PBT500/CBT1 (academic) Financial statement or proof of bank deregistration). Passport or other In Taiwan Alien Reset Applicants for documents.	cation form vation letter/Statement of nest educational level (certified ired if the original certificate is ish or Chinese) hest educational level of one of the grading system, ool ranking. Certified ired if the original transcript is ish or Chinese ommendation anguage proficiency proficiency of applicants must himum requirement:

		who are applying for doctoral programs must upload an outline of their master's thesis.
		2. Other supporting documents:
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
		Compulsory documents: CV/Resume
		Suggested supporting documents:
		GRE certificate (chemistry)
Selection	Preliminary	Application material review: Comprehensive review
Method	Review	of the application materials submitted by the
		applicants.
		Evaluation items: Academic GPA, research potential.
	Second	Yes. Online interview.
	Review	Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additiona	1	-
Requirem	ent	
	D	epartment/Institute Information
Departme	nt/Institute	The department interacts closely with and receives
Profile		projects and supports from both industrial and
		government agencies. Research programs with high
		co-relation to many fields are currently in progress at
		the department including such fields as drug design
		and synthesis, supra molecule synthesis,
		photochemistry, enzyme chemistry, protein
		engineering, micro-fluidic analysis, bio-analysis,
		single molecular detection, molecular dynamics, laser
		chemistry, ultra-fast kinetics, nano-materials,
		superconductive materials, polymer materials, polymer
		science and technology, materials in the applications
		of photoelectronics and regenerated energy, computer
		simulation and theoretical calculation etc. These
		studies are grouped in 6 major fields, which are highly
		conjugated to a platform of interdisciplinary molecular
		science research.
Program C	Curriculum	https://dac.nctu.edu.tw/downloads/03-master

Career and Future Map	-	
Website	https://dac.nctu.edu.tw/	
Contact information	Administration Staff	
	Name	Tsung-Hsien Li
	Telephone	+886-3-5731643
	Fax	+886-3-5723764
	Email	tsunghsienli@nctu.edu.tw

Graduate Program in Molecular Science, Dept. of Applied Chemistry

Intake	Degree Program	Group
Spring	Doctor	
Language of Instruction	Sufficiently taught in English to satisfy graduation requirements (not required to take courses taught in Chinese)	
	Application Regulat	ions
Department	Chemistry related degr	ees
Restrictions		4
Academic Grade Criteria	60 points/100 or above	(GPA)
Required Documents	processed if any of documents is missi Admissions applie Study plan (Motive purpose) Certificate of high translation is requested in Engle Transcripts of high (including descript GPA, class or school translation is requested in Engle) Two letters of recees Proof of English I The English language permeet the following mire TOEFL PBT500/CBT1 (academic) Financial statement or proof of bank deregistration). Passport or other permetations applicants for documents.	cation form vation letter/Statement of nest educational level (certified ired if the original certificate is ish or Chinese) hest educational level (certified ired if the original certificate is ish or Chinese) tool ranking. Certified ired if the original transcript is ish or Chinese commendation anguage proficiency proficiency of applicants must aimum requirement:

1		
		who are applying for doctoral programs must upload an outline of their master's thesis.
		2. Other supporting documents:
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
		Compulsory documents: CV/Resume
		Suggested supporting documents:
		GRE certificate (chemistry)
Selection	Preliminary	Application material review: Comprehensive review
Method	Review	of the application materials submitted by the
		applicants.
		Evaluation items: Academic GPA, research potential.
	Second	Online interview.
	Review	(Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additiona	1	-
Requirem	ent	
	D	epartment/Institute Information
Departme	nt/Institute	The department interacts closely with and receives
Profile		projects and supports from both industrial and
		government agencies. Research programs with high
		co-relation to many fields are currently in progress at
		the department including such fields as drug design
		and synthesis, supra molecule synthesis,
		photochemistry, enzyme chemistry, protein
		engineering, micro-fluidic analysis, bio-analysis,
		single molecular detection, molecular dynamics, laser
		chemistry, ultra-fast kinetics, nano-materials,
		superconductive materials, polymer materials, polymer
		science and technology, materials in the applications
		of photoelectronics and regenerated energy, computer
		simulation and theoretical calculation etc. These
		studies are grouped in 6 major fields, which are highly
		conjugated to a platform of interdisciplinary molecular
		science research.
Program C	Curriculum	https://dac.nctu.edu.tw/downloads/04-phd

Career and Future Map	-	
Website	https://dac.nctu.edu.tw/	
Contact information	Administration Staff	
	Name	Tsung-Hsien Li
	Telephone	+886-3-5731643
	Fax	+886-3-5723764
	Email	tsunghsienli@nctu.edu.tw

Institute of Statistics

Intake	Degree Program	Group	
Spring	Master	•	
	Doctor		
Language of	English/ Chinese		
Instruction			
	Application Regulations		
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required	1. Required documents (Application	shall not be	
Documents	processed if any of the following	required documents	
	is missing):		
	• Admissions application form		
	Study plan		
	• Certificate of highest educational	al level (certified	
	translation is required if the orig	inal certificate is not	
	issued in English or Chinese)		
	• Transcripts of highest education	al level (including	
	description of the grading system, GPA, class or		
	school ranking. Certified translation is required if the		
	original transcript is not issued in English or Chinese		
	Two letters of recommendation		
	Proof of English language profit	ciency	
	The English language proficiency of	applicants must meet	
	the following minimum requirement:		
	TOEFL PBT500/CBT173/ iBT73, IE	LTS 5.5 (academic)	
	• Financial statement (proof of scl	nolarship award or	
	proof of bank deposit, to be sub-	mitted during	
	registration).		
	• Passport or other proof of nation	nality	
	Taiwan Alien Resident Certifica	` ' '	
	Applicants for doctoral program		
	master's thesis. Graduating mast		
	applying for doctoral programs i	must upload an	
	outline of their master's thesis.		
	2. Other supporting documents:		

1		
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
		Compulsory documents: CV/Resume, Research
		proposal, MS thesis (for doctoral)
		Suggested supporting documents: Other favorable
		materials relevant to your application
Selecti	Prelimina	Application material review: Comprehensive review of
on	ry	the application materials submitted by the applicants.
Method	Review	
	Second	Yes. Interview (phone or skype)
	Review	Applicants who performed well in the preliminary
	Review	department review shall be selected for the second review.
		1 -
		The department shall notify applicants of relevant second
		review information.
Addition		-
Requiren	nent	
		Department/Institute Information
Departme	ent/Institut	Statistics is a data science with theories and methods on
e Profile		extracting information from data that are obscured by
		random noise. Applications have been found in almost all fields of sciences, including industries, natural sciences,
		business, finance, medicine, public health, social sciences,
		etc. Research in statistics can be practical as well as
		fundamental in the sense that many data analyzing methods
		are developed in the context of particular scientific fields
		and are then abstracted and packaged for general use in other areas.
		Aiming at promoting fundamental/practical research in
		statistics and breeding professionals with statistical
		expertise, the Institute of Statistics at the National Chiao
		Tung University was formally established in 1992. There
		are 9 full-time and 3 joint-appointed faculty, and 57
		students at present. Our faculty conducts research across the spectrum of statistical science from general statistical
		methodology to biomedical, industrial, and financial
		statistics.
		The Institute offers both Master of Science (M.S.) and
		Doctor of Philosophy (Ph.D.) programs. The establishment
		of M.S. and Ph.D. programs in our institute has been attracting perspective graduate students and generating
		intellectual impacts in the community through close
		interactions. In response to the recent rise of "big data", we
		also offer the credit program of big data analysis to prepare
		students to work effectively with real-world big data and to
		extract insights from the data using the latest tools and

	analytical methods. With excellent graduate programs and outstanding faculty research, our institute has become one of the most prestigious statistical departments in Taiwan with QS 2013 World University ranking No. 51 worldwide (No. 1 in Taiwan) in subject of Statistics & Operational Research.		
Program	http://www.stat.nctu	.edu.tw/course/course.php?class=101	
Curriculum	<u>⟨=en</u>		
Career and Future	-		
Map			
Website	http://www.stat.nctu.edu.tw/		
Contact information	Administration Staff		
	Name	Bi Fen Kuo	
	Telephone	+886-3-5712121#56801	
	Fax	+886-3-5728745	
	Email	bfkuo@stat.nctu.edu.tw	

Institute of Physics

Intake	Degree Program	Group
Spring	Master	
Language of Instruction	Sufficiently taught in English to satisfy graduation requirements (not required to take courses taught in Chinese)	
	Application Regulations	S
Department Restrictions Academic Grade Criteria	-	
Required Documents	translation is required in not issued in English of the Transcripts of highest edescription of the gradic school ranking. Certification the original transcript in Chinese Two letters of recommendation are English language profits the following minimum TOEFL PBT500/CBT173/ in Financial statement (proproof of bank deposit, registration). Passport or other proof	collowing required In form ducational level (certified of the original certificate is rechinese) educational level (including of the system, GPA, class or red translation is required if so not issued in English or reduced in English or requirement: BT73, IELTS 5.5 (academic) roof of scholarship award or to be submitted during To finationality Certificate (ARC, if any) ents: lage proficiency

		CIVID D 1 1 D 2 C 11 C
		CV/Resume, Research proposal, Proof of ranking of
		highest degree obtained (proof of ranking in class and/or
		school/university).
		Suggested supporting documents:
		Other useful supporting documents such as awards,
	1	publications, etc.
Selection	Preliminary	Application material review: Comprehensive review of
Method	Review	the application materials submitted by the applicants.
		Evaluation items: Academic GPA, research potential.
	Second	Yes, applicants should be interviewed by the admission
	Review	working group or the commissioned admission
		examination committee.
		Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additional	[-
Requireme	ent	
	Γ	Department/Institute Information
Departmen	nt/Institute	The Institute of Physics (IOP) of NCTU was founded in
Profile		1993 to support the development of fundamental
		sciences in this originally technology-oriented school.
		Despite its relative youth as an institute and its small
		size, IOP isenergetic in education, research, and
		international collaborations. This has led to several
		innovation patents as well as scientific results, which
		have appeared in <i>Science</i> , <i>Nature</i> , and <i>Physical Review</i>
		Letters. Together with the faculty in the Department of
		Electrophysics, IOP significantly broadens the
		fundamental and applied physics research in NCTU.
		IOP is also devoted to intensive institutional
		collaborations with RIKEN of Japan and Germany's
		Max Planck Institute for Chemical Physics of Solids.
		The research of IOP covers four directions: condensed
		matter physics, medium & high energy and cosmology,
		atomic & molecular and optical physics, and biomedical
		physics, among which there are four experimental
		groups and six theoretical groups. The laboratories and
L		6

research branches include the following:		
Low temperature and mesoscopic physics laboratory		
NCTU-RIKEN Joint Research Laboratory		
Organic semicond	uctor laboratory	
Quantum matter pl	hysics laboratory	
Cosmic rays labora	atory	
Computational phy	ysics laboratory	
Soft condensed ma	atter group	
Biophysics and sta	tistical physics group	
High energy physi	cs: lattice gauge theory group	
AMO physics grou	ap	
Cosmology group		
http://www.phys.nctu.edu.tw/en/en_regulations.htm		
http://www.phys.nctu.edu.tw/en/en_curriculum.htm		
http://140.113.43.13/crsmap/DepInfo_E.php?depno=227		
Educational Advancements: PhD related to physics		
Employment Opportunities: Engineer in high-tech		
industry, Teacher in senior high school.		
http://www.phys.nctu.edu.tw/en/en_intro.htm		
Administration Staff		
Name	Ms. Hsuan-Min Hsu	
Telephone	+886-3-5720810	
Fax	+886-3-5720728	
Email	f641126@nctu.edu.tw	
	Low temperature a NCTU-RIKEN Jo Organic semicond Quantum matter p Cosmic rays labor Computational phy Soft condensed ma Biophysics and sta High energy physi AMO physics grou Cosmology group http://www.phys.nctu. http://www.phys.nctu. http://l40.113.43.13/c Educational Advancer Employment Opporturindustry, Teacher in see http://www.phys.nctu. Adm Name Telephone Fax	

Institute of Physics

Intake	Degree Program	Group
Spring	Doctor	·
Language of Instruction	Sufficiently taught in English requirements (not required to	, ,
	Chinese)	
	Application Regulation	S
Department Restrictions	-	
Academic Grade Criteria	-	
Required Documents	translation is required in not issued in English of the State of Highest of description of the grades school ranking. Certification of the original transcript in Chinese Two letters of recommoderates are recommoderated in Proof of English language profits the following minimum TOEFL PBT500/CBT173/in Financial statement (proposed for the proof of bank deposit, registration). Passport or other proof Taiwan Alien Resident Applicants for doctoral master's thesis. Graduater	collowing required In form In form In ducational level (certified of the original certificate is rechinese) In certificate (certified of the original certificate is rechinese) In certificate (certified of the original certificate is required if so not issued in English or reduced in English or reduced of applicants must requirement: In ETT3, IELTS 5.5 (academic) reof of scholarship award or to be submitted during In of nationality In certificate (ARC, if any) In programs must upload their atting master's students who real programs must upload the

İ			
2. Other s		2. Other supporting documents:	
		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
	Compulsory documents:		
	CV/Resume, Research proposal, Transcript for all		
	semesters of undergraduate and master program with		
	ranking, Master dissertation (If master dissertation is		
		complete, please submit the preliminary draft).	
		Suggested supporting documents:	
		Other useful supporting documents such as awards,	
		publications, etc.	
Selection	Preliminary	Application material review: Comprehensive review of	
Method	Review	the application materials submitted by the applicants.	
		Evaluation items: Academic GPA, research potential.	
	Second	Yes, applicants should be interviewed by the admission	
	Review	working group or the commissioned admission	
	Teview	examination committee	
		Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additiona	1	relevant second review information.	
		-	
Requireme			
D .		Department/Institute Information	
_	nt/Institute	The Institute of Physics (IOP) of NCTU was founded in	
Profile		1993 to support the development of fundamental	
		sciences in this originally technology-oriented school.	
		Despite its relative youth as an institute and its small	
		size, IOP isenergetic in education, research, and	
		international collaborations. This has led to several	
innovation p		innovation patents as well as scientific results, which	
have appeared		have appeared in Science, Nature, and Physical Review	
		Letters. Together with the faculty in the Department of	
	Electrophysics, IOP significantly broadens the		
		fundamental and applied physics research in NCTU.	
I		IOP is also devoted to intensive institutional	
		collaborations with RIKEN of Japan and Germany's	
		Max Planck Institute for Chemical Physics of Solids.	

	T		
	The research of IOP covers four directions: condensed		
	matter physics, mediu	m & high energy and cosmology,	
	atomic & molecular and optical physics, and biomedical		
	physics, among which there are four experimental		
	groups and six theoretical groups. The laboratories and		
	research branches incl	ude the following:	
	Low temperature a	and mesoscopic physics laboratory	
	NCTU-RIKEN Join	nt Research Laboratory	
	Organic semicondu	uctor laboratory	
	Quantum matter pl	nysics laboratory	
	Cosmic rays labora	atory	
	 Computational phy 	ysics laboratory	
	Soft condensed ma	atter group	
	 Biophysics and sta 	tistical physics group	
	High energy physics: lattice gauge theory group		
	AMO physics group		
	Cosmology group		
Program Curriculum	http://www.phys.nctu.	edu.tw/en/en_regulations.htm	
	http://www.phys.nctu.edu.tw/en/en_curriculum.htm		
	http://140.113.43.13/crsmap/DepInfo_E.php?depno=227		
Career and Future Map	Employment Opportunities: R&D Engineer in high-		
	tech industry, Postdoctoral research fellow, Faculty in		
	university and college		
Website	http://www.phys.nctu.edu.tw/en/en_intro.htm		
Contact information	Administration Staff		
	Name	Ms. Hsuan-Min Hsu	
	Telephone	+886-3-5720810	
	Fax	+886-3-5720728	
	Email	f641126@nctu.edu.tw	

College of Biological Science and Technology (Bo-Ai Campus)

Department of Biological Science and Technology

Intake	Degree Program	Group
Spring	Master	
	Doctor	
Language of Instruction	Sufficiently taught in Engl	ish to satisfy
	graduation requirements (n	ot required to take
	courses taught in Chinese)	
	Application Regulations	
Department Restrictions	Biological Science, Biotech	hnology, Biomedicine
	and the related	
Academic Grade	-	
Criteria		
Required Documents	1. Required documents (A	Application shall not
	be processed if any of t	the following required
	documents is missing):	
	 Admissions application 	on form
	 Study plan 	
	Certificate of highest educational level	
	(certified translation is required if the	
	original certificate is a	not issued in English
	or Chinese)	
	 Transcripts of highest 	educational level
	(including description	of the grading
	system, GPA, class or	school ranking.
	Certified translation is	s required if the
	original transcript is not issued in English	
	or Chinese	
	Two letters of recommendation	
	Proof of English language proficiency	
	The English language prof	iciency of applicants
	must meet the following minimum requirement:	
	TOEFL PBT500/CBT173/ iBT73, IELTS 5.5	
	(academic)	
	• Financial statement (p	proof of scholarship
	award or proof of ban	k deposit, to be
	submitted during regis	stration).
	Passport or other proc	of of nationality

		 Taiwan Alien Resident Certificate (ARC, if any) Applicants for doctoral programs must upload their master's thesis. Graduating master's students who are applying for doctoral programs must upload an outline of their master's thesis. Other supporting documents: Proof of Chinese language proficiency Documents required by the department/institute 	
Selection	Preliminary	Application material review: Comprehensive	
Method	Review	review of the application materials submitted by	
		the applicants.	
	Second	An oral or video interview for applicants should	
	Review	be conducted at this round of exam.	
		Applicants who performed well in the	
		preliminary department review shall be selected	
		for the second review. The department shall	
		notify applicants of relevant second review	
		information.	
Additiona	l Requirement	-	
	Depa	rtment/Institute Information	
•	nt/Institute	Department with a Focus on Interdisciplinary	
Profile		Development	
		Combine the fields of molecular biology,	
		biochemistry, informatics, genetic engineering,	
		microelectronics, optoelectronics, mechanics,	
		materials, medicine, electronic engineering, etc.	
		Focus on the integration of theory and practice	
		in teaching and actively promote the	
		interdisciplinary learning modules and	
		pioneering research and combine R&D institutes	
		with the industry. Resed on the outstanding research performance	
		Based on the outstanding research performance,	
		to provide students with a high-quality learning environment, cultivate students with	
		interdisciplinary scientific knowledge and	
		interdisciplinary scientific knowledge and	

	leadership skills, and promote students with		
	exchange-studying abroad programs to develop		
	their international outlook.		
Program Curriculum	https://dbt.n	ctu.edu.tw/course/	
Career and Future Map	-		
Website	https://dbt.nctu.edu.tw/en/#1		
Contact information	Administration Staff		
	Name Meiling Lai		
	Telephone +886-3-5712121 EXT:56983		
	Fax		
	Email meiling@mail.nctu.edu.tw		

Institute of Bioinformatics and Systems Biology

Intake	Degree Program	Group	
Spring	Master		
	Doctor		
Language of Instruction	Sufficiently taught in Engl	ish to satisfy graduation	
	requirements (not required	to take courses taught in	
	Chinese)		
	Application Regulations	3	
Department Restrictions	Bioinformatics, Computati	onal Chemistry, Computer	
	Engineering and the related	d	
Academic Grade	-		
Criteria			
Required Documents	1. Required documents (A	Application shall not be	
	processed if any of the	following required	
	documents is missing):		
	 Admissions application 	on form	
	Study plan		
	• Certificate of highest	educational level (certified	
	translation is required	if the original certificate is	
	not issued in English or Chinese)		
	 Transcripts of highest 		
	, -	of the grading system,	
	GPA, class or school ranking. Certified		
	translation is required if the original transcript is		
	not issued in English or Chinese		
	Two letters of recomm		
	Proof of English lang	• •	
	The English language proficiency of applicants must		
	meet the following minimum requirement:		
	TOEFL PBT500/CBT173/ iBT73, IELTS 5.5		
	(academic)		
	• Financial statement (proof of scholarship award		
		sit, to be submitted during	
	registration).		
	Passport or other proc	•	
	• Taiwan Alien Resident Certificate (ARC, if any)		
		al programs must upload	
	their master's thesis. C	Graduating master's students	

I			
		who are applying for doctoral programs must	
		upload an outline of their master's thesis.	
		2. Other supporting documents:	
		Proof of Chinese language proficiency	
		3. Documen	ts required by the department/institute
Selection	Preliminary	Application	material review: Comprehensive review
Method	Review	of the applic	cation materials submitted by the
		applicants.	
	Second	An oral or v	rideo interview for applicants should be
	Review	conducted a	t this round of exam.
		Applicants	who performed well in the preliminary
		department	review shall be selected for the second
		review. The	department shall notify applicants of
		relevant sec	ond review information.
Additiona	l Requirement	-	
	De	epartment/Institute Information	
Departmen	nt/Institute	In 2001, National Chiao Tung University established	
Profile		the nation's first Bioinformatics Institute to recruit	
		outstanding students from the fields of biology and	
		computing information.	
		Our research fields include the diverse and complex	
		disciplines in genetic and biological information,	
		structural biological information, molecular	
		simulation, database structure and design,	
		computational biological algorithms, structural	
		biology, molecular and cellular biology, genetics,	
		molecular e	volution, and genomics. Students must
		have the abi	lity to develop interdisciplinary learning in
		order to solv	ve problems encountered in research.
Program C	Curriculum	https://ibs.n	ctu.edu.tw/course/
Career and	l Future Map	-	
Website		https://ibs.nctu.edu.tw/?locale=en#1	
Contact in	formation	Administration Staff	
		Name	Meiling Lai
		Telephone +886-3-5712121 EXT:56983	
		Fax	
		Email	meiling@mail.nctu.edu.tw

Institute of Molecular Medicine and Bioengineering

Intake	Degree Program	Group
Spring	Master	
	Doctor	
Language of Instruction	Sufficiently taught in E	English to satisfy graduation
	requirements (not requi	ired to take courses taught in
	Chinese)	
	Application Regulat	ions
Department	Biological Science, Bio	otechnology/chemistry,
Restrictions	Bioengineering and the	related
Academic Grade	-	
Criteria		
Required Documents	1. Required document	ts (Application shall not be
	processed if any of	the following required
	documents is missi	ng):
	 Admissions applie 	cation form
	 Study plan 	
	 Certificate of high 	est educational level (certified
	translation is requ	ired if the original certificate is
	not issued in English or Chinese)	
	Transcripts of highest educational level	
	(including description of the grading system,	
	GPA, class or school ranking. Certified	
	translation is required if the original transcript is	
	not issued in English or Chinese	
	• Two letters of recommendation	
	• Proof of English 1	anguage proficiency
	The English language proficiency of applicants must	
	meet the following minimum requirement:	
	TOEFL PBT500/CBT173/ iBT73, IELTS 5.5	
	(academic)	
	• Financial statement (proof of scholarship award	
	or proof of bank d	leposit, to be submitted during
	registration).	
	Passport or other proof of nationality	
	• Taiwan Alien Resident Certificate (ARC, if any)	
	Applicants for doctoral programs must upload	
	their master's thes	is. Graduating master's students

		who are applying for doctoral programs must		
		upload an outline of their master's thesis.		
		2. Other supporting documents:		
		Proof of Chinese language proficiency		
		+	ats required by the department/institute	
Selection	Preliminary		material review: Comprehensive review of	
Method	Review	the applicati	ion materials submitted by the applicants.	
	Second	An oral or v	rideo interview for applicants should be	
	Review	conducted a	t this round of exam.	
		(Applicants	who performed well in the preliminary	
		department	review shall be selected for the second	
		review. The	department shall notify applicants of	
		relevant sec	ond review information.)	
Additional	l	-		
Requireme	ent			
	De	epartment/In	stitute Information	
Departmen	nt/Institute	The Institute's main developmental directions include:		
Profile		exploring the physiological and pathological changes		
		of cells and microorganisms at the molecular level,		
		and developing related applications in conjunction		
		with the development of biological nanomaterials. Our		
		scope of research includes microorganisms and cells,		
		pathogenic mechanisms, biosensing and diagnosis, as		
		well as biological nanomaterials. We aim to further		
		develop the application of nanomaterials in molecular		
		medicine ba	sed on existing research foundations and	
		achievemen	ts in cells and microorganisms, in addition	
		to continuin	g the cultivation of fundamental research	
		in the field.		
Program C	Curriculum	https://imb.i	nctu.edu.tw/course/	
Career and	l Future Map	-		
Website		https://imb.nctu.edu.tw/#1		
Contact in	formation	Administration Staff		
		Name	Meiling Lai	
		Telephone +886-3-5712121 Ext:56983		
		Fax		
		Email	meiling@mail.nctu.edu.edu	

Interdisciplinary Neuroscience Ph.D. Degree Program (UST)

Intake	Degree Program	Group
Spring	Doctor	
Language of Instruction	Sufficiently taught in English to satisfy graduation requirements (not required to take courses taught in Chinese)	
	Application Regulat	ions
Department	Bachelor's/Master's de	
Restrictions		ology, Computer Science,
		Neuroinformatics, Neuroscience
	and the related.	,
Academic Grade	-	
Criteria		
Required Documents		ts (Application shall not be
		the following required
	documents is missing	-,
	 Admissions applic 	cation form
	Study plan	
	• Certificate of highest educational level (certified translation is required if the original certificate is	
	not issued in Engl	•
	1	hest educational level
	(including description of the grading system,	
	GPA, class or school ranking. Certified	
	translation is required if the original transcript is	
	not issued in Engl	
	• Two letters of reco	
	_	anguage proficiency
		proficiency of applicants must
	meet the following min	imum requirement:
	TOEFL PBT500/CBT1	73/ iBT73, IELTS 5.5
	(academic)	
	• Financial statement	nt (proof of scholarship award
	or proof of bank d	eposit, to be submitted during
	registration).	
	• Passport or other p	proof of nationality
	Taiwan Alien Resi	ident Certificate (ARC, if any)

Selection Method	Preliminary Review	 Applicants for doctoral programs must upload their master's thesis. Graduating master's students who are applying for doctoral programs must upload an outline of their master's thesis. Other supporting documents: Proof of Chinese language proficiency Documents required by the department/institute Application material review: Comprehensive review of the application materials submitted by the applicants.
1victiou	Tte vie v	the approach materials sacrificed by the approaches.
	Second	An oral or video interview for applicants should be
	Review	conducted at this round of exam.
		Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additional		-
Requireme	ent	
	De	epartment/Institute Information
Departmen	nt/Institute	The University System of Taiwan has many
Profile		participating departments with core strengths spanning
		all areas of neuroscience. Are you interested in linking
		genes to function, in the activities of neuronal
		populations, in perception, cognition, or action? Or in
		knock-out mice, stem cell technology, or the most
		advanced non-invasive methods of visualizing and
		manipulating brain activity and circuitry in fruit flies
		and humans? Are you interested in linking human
		brain function to decision-making, society,
		epigenetics, and neurological disorders? Are you an
		engineer interested in developing the latest bio-
		imaging, multi-electrode, or optogenetic neural
		interface technologies? By joining the UST
		Neuroscience Ph.D. program, you are learning and
		doing the most advanced research in neuroscience, in
		an integrative community that is both the heart of
		Chinese culture and a world leader in science and
		technology.

Program Curriculum	https://ustnc-e.ym.edu.tw/files/11-1191-51.php		
Career and Future Map	-		
Website	https://ustnc-e.ym.edu.tw//bin/home.php		
Contact information	Administration Staff		
	Name	Meiling Lai	
	Telephone	+886-3-5712121 EXT:56983	
	Fax		
	Email	meiling@mail.nctu.edu.tw	

College of Management

Department of Management Science

Intake	Degree Program	Group			
Spring	Doctor				
Language of	Mainly taught in Chines	se			
Instruction					
	Application Regulat	ions			
Department	-				
Restrictions					
Academic Grade	-				
Criteria					
Required Documents	1. Required documents	s (Application shall not be			
	processed if any of	the following required			
	documents is missing	ıg):			
	• Admissions application	ation form			
	• Study plan				
	• Certificate of higher	est educational level (certified			
	translation is required if the original certificate is				
	not issued in English or Chinese)				
	• Transcripts of highest educational level (including				
	description of the grading system, GPA, class or school ranking. Certified translation is required if				
	the original transcript is not issued in English or				
	Chinese				
	• Two letters of reco	mmendation			
	Proof of English la	nguage proficiency			
	The English language p	roficiency of applicants must			
	meet the following min	mum requirement:			
	TOEFL PBT500/CBT1	73/ iBT73, IELTS 5.5			
	(academic)				
	• Financial statemen	t (proof of scholarship award or			
	proof of bank depo	sit, to be submitted during			
	registration).				
	• Passport or other p	roof of nationality			
		dent Certificate (ARC, if any)			
		toral programs must upload			
	their master's thesi	s. Graduating master's students			

			e applying for doctoral programs must an outline of their master's thesis.	
		2. Other supporting documents:		
		 Proof of Chinese language proficiency 		
			ents required by the department/institute	
		3. Documents required by the department/institute (1) GMAT certificate		
		` /	FL is required for applicants from non-	
		` ´	speaking countries.	
Selection	Preliminary		material review: Comprehensive review of	
Method	Review	1	ion materials submitted by the applicants.	
	Second	Yes. Video i	nterview.	
	Review	Applicants v	who performed well in the preliminary	
		department	review shall be selected for the second	
		review. The	department shall notify applicants of	
		relevant sec	ond review information.	
Additional		-		
Requireme	ent			
	Department/Institute Information			
Departmen	nt/Institute	1.Specialized areas: marketing management,		
Profile		information management, operations management,		
		strategic management, financial management, and		
		human resource management.		
			2. Departmental features: aiming at developing the	
		application capabilities and research capacities in the		
		area of management science to facilitate the		
		development of new thinking on business		
		management. By providing regional industrial services		
		and involving in commissioned research, students and		
		faculty can interact with communities and thrive upon		
		the opportunities for intellectual growth.		
Program C	Program Curriculum		https://www.ms.nctu.edu.tw/zh_tw/course1/course1_2	
Career and Future Map		https://www.ms.nctu.edu.tw/zh_tw/intro1/intro4		
Website		https://www.ms.nctu.edu.tw/		
Contact information			Administration Staff	
		Name	Li-Wen Chen	
		Telephone	+886-0-5712121#57103	
		Fax	+886-3-5713796	
		Email	liwenchen@nctu.edu.tw	

Department of Industrial Engineering and Management

Intake	Degree Program	Group		
Spring	Master			
	Doctor			
Language of Instruction	Most of required cours	ses in Bachelor program are		
	offered in Chinese. 3~	6 courses per year will be		
	offered for Master's ar	nd Doctoral program students.		
	Application Regulat	tions		
Department	-			
Restrictions				
Academic Grade	-			
Criteria				
Required Documents	1. Required document	ts (Application shall not be		
	processed if any of	the following required		
	documents is missi	ing):		
	Admissions application form			
	 Study plan 			
	Certificate of highest educational level (certified)			
	translation is required if the original certificate is			
	not issued in English or Chinese)			
	Transcripts of highest educational level			
	(including descrip	otion of the grading system,		
	GPA, class or school ranking. Certified			
	translation is requ	nired if the original transcript is		
	not issued in English or Chinese			
	• Two letters of rec	ommendation		
	Proof of English language proficiency			
	The English language	proficiency of applicants must		
	meet the following min	nimum requirement:		
	TOEFL PBT500/CBT	173/ iBT73, IELTS 5.5		
	(academic)			
	• Financial stateme	nt (proof of scholarship award		
	or proof of bank of	deposit, to be submitted during		
	registration).			
	Passport or other proof of nationality			
	Taiwan Alien Res	sident Certificate (ARC, if any)		
	◆ Applicants for do	ctoral programs must upload		
	their master's thes	sis. Graduating master's students		

I		-111	
		who are applying for doctoral programs must upload an outline of their master's thesis.	
		2. Other supporting documents:	
		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
Selection	Preliminary	Application material review: Comprehensive review	
Method	Review	of the application materials submitted by the	
		applicants.	
	Second	Interview.	
	Review	Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additiona	l Requirement	-	
	De	epartment/Institute Information	
Departmen	nt/Institute	To support Taiwan's economic development and	
Profile		increase its industrial productivity and	
		competitiveness, the Department Industrial	
		Engineering and Management (IEM) was established	
		at NCTU in 1984. Currently, IEM offers four degree	
		programs: the undergraduate program (since 1984),	
		graduate (master) program (since 1987), graduate	
		(doctorate) program (since 1991) and the parttime	
		master program (since 1999).	
		The role of industrial engineering and management is	
		to optimize the quality and efficiency associated with	
		designing, operating and improving sustainable	
		processes for acquiring, producing, selling and	
		delivering products and services. We commit to	
		deliver quality education and research in the field of	
		IEM. The department seeks to prepare students with	
		knowledge and skills to become IEM professionals	
		who are capable of designing an effective problem-	
		solving model to predict, plan, control, coordinate,	
		improve and integrate limited resources to maximizing	
		business profitability. This department attempts to	
		provide a fruitful learning experience for students to	
		apply IEM theories to practices. The department is	

prepared to train students with diverse backgrounds and interests.

Industrial engineering and management, an interdisciplinary study, has broad applications to many types of industries and organizations. At NCTU, we focus on four areas: production systems, decision science, human factors engineering and manufacturing engineering.

- Production Systems: Concentrating on the planning and management of the traditional production systems (known as in-house production systems), we also study supply chain and logistics (global production systems) management in response to the global evolution in business models and manufacturing strategies.
- Decision Science: We examine the development of quantitative methods in system design, planning and control. We employ systems analysis, operations research, statistics, simulations and other engineering and scientific methods to improve industry and government decision-making.
- Human Factors Engineering: We conduct human information processing studies with the aim to uncover principles underlying human-machine interaction (HMI) and human errors. We are particularly interested in applications of high-tech products, complex systems (nuclear power plants, healthcare systems, etc.) and automated systems.
- Manufacturing Engineering: We study both traditional manufacturing systems and intelligent manufacturing systems. We combine our interest in system integration, planning and control to optimize their interactions with other management systems.

We emphasize the importance of balance between theories and practices. The main campus of NCTU is located right next door to the Hsinchu Science Park (known as "Taiwan's Silicon Village"). A large number of the top executives in the companies in "Taiwan's Silicon Village" are NCTU alumni, and they have formed a close network. The geographic privilege and the close network of NCTU alumni developed over time give us ample opportunities to collaborate. In addition to local and international hightech industries, we collaborate with traditional manufacturing, supply chains and logistics, healthcare and agricultural logistics industries. Therefore, our research is often driven by real problems and needs, and solved with solid theoretic methodologies. 2013 QS World University Rankings ranks NCTU among the top 100 in the field of statistics and operations research. IEM receives many research grants annually from the National Science Council (NSC), and from other government agencies. Individual faculty members receive research projects from private firms. We assist companies by offering training programs and improving their operational efficiency. IEM faculty members are also board members of, or consultants to, private enterprises, serve on assessment panels for accreditations, reviews and competitions, etc.

Program Curriculum

http://www.iem.nctu.edu.tw/en/home/

Career and Future Map

In general, more than 90% of our alumni are working in the private sector. Due to geographic reasons and NCTU tradition, around 70% of our graduates pursue and accept positions in high-tech including semiconductor, communications and photoelectric industries. Based on personal interest and career plan, our graduates also pursue business careers in traditional manufacturing, information technology, finance, consulting, healthcare or logistics. Most of our Ph.D. graduates select academic positions. In recent years, there is an increasing trend to work in nonacademic environments in response to the need of industries.

Website	http://www.iem.nctu.edu.tw/en/home/	
Contact information	Administration Staff	
	Name	Chiung-Yao Huang
	Telephone	+886-3-5131530
	Fax	+886-3-5729101
	Email	cyh9@nctu.edu.tw

Institute of Information Management

Intake	Degree Program	Group
Spring	Master	
	Doctor	
Language of Instruction	Taught in Chinese and	English
	Application Regulat	ions
Department	Bachelor's/Master's de	egree in Computer Science-
Restrictions	related majors/ Manag	ement-related majors
Academic Grade	80 points or above (GI	PA)
Criteria		
Required Documents	processed if any of documents is missis. Admissions applianed. Study planed. Certificate of high translation is required not issued in Englianed. Transcripts of high (including descript GPA, class or schipt translation is required not issued in Englianed. Two letters of received. Proof of English In The English language meet the following mint TOEFL PBT500/CBT (academic) Financial statement or proof of bank of registration). Passport or othereived. Applicants for documents these	nest educational level (certified aired if the original certificate is lish or Chinese) thest educational level otion of the grading system, ool ranking. Certified tired if the original transcript is lish or Chinese ommendation language proficiency proficiency of applicants must nimum requirement: 173/ iBT73, IELTS 5.5 Int (proof of scholarship award deposit, to be submitted during proof of nationality ident Certificate (ARC, if any) ctoral programs must upload sis. Graduating master's students
		for doctoral programs must
		of their master's thesis.

ľ		
		2. Other supporting documents:
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
		CV/Resume, Research proposal, GMAT certificate,
		GRE certificate (please specify subject), Other (please specify)
Selection	Preliminary	Application material review: Comprehensive review
Method	Review	of the application materials submitted by the
		applicants.
		Evaluation items: Academic performance, research
		potential, practical skills, extracurricular activities, etc.
	Second	Yes, Interview
	Review	(E.g.: By Phone/ Facetalk/ Oral Exam etc.)
		Details regarding to the second review will be sent to
		the individuals by mail.
		Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additional	l Requirement	-
	De	epartment/Institute Information
Departmen	nt/Institute	IIM, founded in 1989, is the first Institute of
Profile		Information Management offering both Mater's and
		PhD programs in Taiwan. The institute is also a
		pioneer in the field of Computer Science and
		Information Management in Taiwan.
		The objective of IIM is to provide students insights on
		the IT integration and business models. The institute
		emphasizes interdisciplinary training as to inspire
		students' innovations. To attain the objective, the
		institute conducts collaborative researches with
		leading worldwide industrial organizations to provide
		theoretical foundations and to engage in human
		behavior researches in IM area. Hence, the part-time
		master program was established in 1999 to increase
		cooperation between academic researches and
		industrial practices.

	The goal of IIM is not only to emphasize information management but also across all disciplines, meanwhile
	increasing the value and efficiency of the information.
	In addition to academic research, we have achieved
	distinguished reputations domestically as well as
	international professional circles. For practical
	implications, collaborative association with leading
	industrial organizations has successfully cultivated
	managerial values of IT deployment.
Program Curriculum	The curriculum is divided into four major research
	areas, Information Technology, Operating
	Management, E-Commerce & Finance and Research
	Methods.
	The aim of the curriculum is to develop students'
	ability of problem-solving and communication skills
	as well as morality and ethics. Through the
	independent research study, the students will be able
	to effectively integrate knowledge in information
	technology and management.
	Foreign students enrolled in master's program in Information Management must complete a minimum of 30 credits.
	Foreign students enrolled in Ph.D. program in
	Information Management must complete a minimum
	of 30 credits.
	1123 113418.
	Further information and requirements can be
	found here.
	http://iim.nctu.edu.tw/en/
Career and Future Map	Masters students from IIM are currently serving as
P	well known hardware or software engineers like
	TSMC, MTK, IBM, ITRI, Amazon, Shopee, etc. the
	Institute for Information Industry and some other
	technology companies.
	I

	PhD students who graduated from IIM are mostly	
	faculty members in higher education, and some of	
	them are administrators in industry.	
Website	http://www.iim.nctu.edu.tw/	
Contact information	Administration Staff	
	Name Susan Chen	
	Telephone	+886-3-5712121#57401
	Fax	+886-3-5723792
	Email	susan@mail.nctu.edu.tw

Department of Transportation and Logistics Management

Intake	Degree Program	Group
Spring	Master Doctor	 Master Program in Traffic and Transportation (in Transportation Planning and Policies Study (Taipei Campus)/ in Transportation Operation and Technology Study(Guangfu Campus)) Master Program in Logistics Management (Guangfu Campus) Ph. D. Program for Transportation and Logistics Management (Guangfu Campus) Management (Guangfu Campus)
Language of	Most in English	Campasi Taiper Campas)
Instruction		
	Application Regulat	tions
Department	-	
Restrictions		
Academic Grade	-	
Criteria		
Required Documents	processed if any of the documents is missing. Admissions applice. Study plan. Certificate of higher translation is required not issued in Englice. Transcripts of higher description of the granslation is required not issued in Englice. Transcripts of higher description of the granslation is required not issued in Englice. Transcripts of higher description of the granslation is required not issued in English and the process of the pr	est educational level (certified red if the original certificate is sh or Chinese) nest educational level (including grading system, GPA, class or ertified translation is required if ript is not issued in English or enguage proficiency of applicants must

Ì			
		TOEFL PBT530/ iBT80 IELTS 6.5(academic)	
		• Financial statement (proof of scholarship award or	
		proof of bank deposit, to be submitted during	
		registration).	
		Passport or other proof of nationality	
		◆ Taiwan Alien Resident Certificate (ARC, if any)	
		• Applicants for doctoral programs must upload their	
		master's thesis. Graduating master's students who	
		are applying for doctoral programs must upload an	
		outline of their master's thesis.	
		2. Other supporting documents:	
		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
		(1) Doctoral program will be required to provide	
		the university calendar year transcripts.	
		(2) The graduate score in Master Class must reach	
		GPA3.6 / 4.0.	
		(3) The foreign student must receive the Master	
		Degree from the TOP University in his/her	
	Т	country.	
Selection	Preliminary	Application material review: Comprehensive review of	
Method	Review	the application materials submitted by the applicants.	
	Second	Yes. Interview (A video conference interview will be	
	Review	hosted by the admission committee of the department.)	
	10011011	Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additional	1	-	
Requireme			
1		Department/Institute Information	
Departmen	nt/Institute	The Department of Transportation and Logistics	
Profile		Management is committed to deliver relevant college	
		education and outstanding research in the field of	
		transportation and logistics management. The	
		Department seeks to prepare its students with core	
		competency as well as necessary knowledge and skills	

	to become leaders and	or educators in the field of	
	transportation and log	istics management. The	
	Department also attem	npts to provide an impeccable	
	learning environment, solid curricula and effective		
	lecture/teaching skills for its students to apply, integrate,		
	and create knowledge based on its distinguished faculty		
	members. The Departi	ment is designed to serve a diverse	
	student body with all l	kinds of background and will	
	continue offering its lo	ong-recognized contribution and	
	playing the consulting	role in the society of	
	transportation and log	istics management.	
Program Curriculum	Master Students have	to complete at least 30 credits;	
	Ph.D. Students have to	o complete at least 27 credits.	
	Further information ar	nd requirements can be found	
	here.		
	http://tlm.nctu.edu.tw/en/		
Career and Future Map	http://www.tlm.nctu.edu.tw/zh/intro/%E6%9C%AA%E4%BE%86		
	<u>%E5%B1%95%</u>		
	E6%9C%9B%E6%9A%A8%E7%95%A2%E6%A5%AD%E5%87		
	%BA%E8%B7%AF/		
Website	https://www.tlm.nctu.edu.tw/zh/		
Contact information	Adm	ninistration Staff	
	Name	Mei-Chih Liu Assistant /	
		Hsing-Jung Cheng Assistant	
	Telephone	+886-2-23494951 /	
		+886-3-5712121 ext.57203	
	Fax	+886-2-23494953 / +886-3-	
		5720844	
	Email	meichih@nctu.edu.tw /	
		hjcheng@nctu.edu.tw	
<u> </u>	•		

Institute of Business and Management (Taipei Campus)

Intake	Degree Program	Group
Spring	Master	
	Doctor	
Language of Instruction	■ Mainly taught in Chinese	e
	■The required courses of 3	Master Program and the
	fundamental courses of Ph	.D. Program are taught in
	English.	
	Application Regulations	
Department Restrictions	-	
Academic Grade	-	
Criteria		
Required Documents	1. Required documents (A	Application shall not be
	processed if any of the	following required
	documents is missing):	
	Admissions application	on form
	Study plan	
	• Certificate of highest	educational level (certified
	translation is required	if the original certificate
	is not issued in Englis	h or Chinese)
	 Transcripts of highest 	educational level
	(including description	of the grading system,
	GPA, class or school i	anking. Certified
	translation is required	if the original transcript is
	not issued in English	or Chinese
	• Two letters of recomn	nendation
	Proof of English language	uage proficiency
	The English language prof	iciency of applicants must
	meet the following minimu	ım requirement:
	TOEFL PBT500/CBT173/	iBT73, IELTS 5.5
	(academic)	
	 Financial statement (p 	proof of scholarship award
	or proof of bank depo	sit, to be submitted during
	registration).	
	Passport or other proc	of of nationality
	Taiwan Alien Residen	t Certificate (ARC, if any)
	 Applicants for doctoral 	al programs must upload
	their master's thesis. (Graduating master's

		students who are applying for doctoral programs must upload an outline of their master's thesis.			
		2. Other supporting documents:			
		• Proof o	of Chinese language proficiency		
		3. Documen	ts required by the department/institute		
Selection	Preliminary		material review: Comprehensive review		
Method	Review	of the application materials submitted by the			
		applicants.			
		Evaluation i	tems: Academic GPA, research potential,		
		practical ski	lls, extracurricular activity, special talent,		
		achievemen	t and awards		
	Second	Yes. online	interview		
	Review	Applicants v	who performed well in the preliminary		
		department	review shall be selected for the second		
			department shall notify applicants of		
		relevant sec	relevant second review information.		
Additiona	Additional Requirement -				
	Dej	partment/Ins	titute Information		
Department/Institute		Our courses are categorized into six areas: "Business			
Profile		Strategy", "Organization & Human Resource",			
		"Marketing", "Finance", "Technology and			
		Information", and "Operation and Decision Science".			
		Interdisciplinary study is encouraged.			
		With a special emphasis on the applications of			
		technology and information, our programs not only			
		offer students breadth and depth of learning in			
		business and management, but also provide solid			
theoretical and practical training.					
Program C	Curriculum		to the Program Regulations and the		
G 15 36		Course Systems.			
Career and Future Map		A manager in a corporate			
Website Contact information		https://ibm.nctu.edu.tw/			
Contact information		Nome	Administration Staff Wy Lie Shon (Master Program)		
		Name	Wu, Jia-Shan (Master Program)		
		T-11	Hsiao, Hui-Chuan (Ph.D. Program)		
		Telephone	+886-2-23494921 (Master Program)		
			+886-2-23494924 (Ph.D. Program)		

Fax	+886-2-23494922
Email	anniejswu@nctu.edu.tw
	(Master Program)
	shj@faculty.nctu.edu.tw
	(Ph.D. Program)

Graduate Program of Finance, Dept. of Information Management and Finance

Intake	Degree Program Group		
Spring	Doctor		
Language of Instruction	Mainly taught in Chinese		
Application Regulations			
Department Restrictions	-		
Academic Grade Criteria	Average score must higher than 75		
Required Documents	processed if any of documents is missis. Admissions applied. Study plan. Certificate of high translation is requested in Engle. Transcripts of high (including descript GPA, class or schoot translation is requested in Engle. Two letters of reco. Proof of English I The English language part the following mint TOEFL PBT500/CBT1 (academic). Financial statement or proof of bank deregistration). Passport or other part of the part of	nest educational level (certified ired if the original certificate is ish or Chinese) hest educational level tion of the grading system, col ranking. Certified ired if the original transcript is ish or Chinese commendation anguage proficiency proficiency of applicants must himum requirement:	

		0.01
		2. Other supporting documents:
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
		Compulsory documents:
	Γ	Proof of Chinese Language Proficiency
Selection	Preliminary	Application material review: Comprehensive review
Method	Review	of the application materials submitted by the
		applicants.
		Evaluation items: Academic GPA, research potential,
		practical skills, extracurricular activity, special talent,
		achievement and awards.
	Second	Yes. Interview (the method of the second-round exam,
	Review	e.g. phone, skype, Details will be noticed by E-
		mail)
		Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additiona	l Requirement	-
	De	epartment/Institute Information
Departmen	nt/Institute	(1)Integrate theoretical studies with financial planning,
Profile		financial engineering, and risk management of the
		enterprises to achieve the goal of combining the
		internationalized researches with localized
		applications.
		(2)Promote superior financial researches with practical
		implications and nurture more outstanding financial
		professionals.
Program C	Curriculum	https://finance.nctu.edu.tw/
Career and	l Future Map	Students after completing information and finance
		curriculum under the Graduate School, will be highly
		sought after whether they choose to enter into the
		employment market or stay in academia for further
		advancement.
		After they graduated, students may choose to work in
		IT industry, where employers range widely including
		government organizations, financial securities,
		traditional industries, high-tech manufacturing and

	servicing businesses, financial institutions, and others.		
	A smaller number of students may also choose to work		
	for academia or continue for further academic		
	advancement. In short, a great number of opportunities		
	and a wide range of future directions are available for		
	students to choose from.		
Website	https://finance.nctu.edu.tw/		
Contact information	Administration Staff		
	Name	Annie Hsieh	
	Telephone +886-3-5131348		
	Fax	+886-3-5729915	
	Email	anniesha@mail.nctu.edu.tw	

Graduate Program of Finance, Dept. of Information Management and Finance

Intake	Degree Program	Group		
Spring	Master			
Language of Instruction	Mainly taught in Chinese			
	Application Regulations			
Department	-			
Restrictions				
Academic Grade	Average score must hig	gher than 75		
Criteria				
Required Documents	1. Required documen	ts (Application shall not be		
	processed if any of	the following required		
	documents is missi	ng):		
	 Admissions applie 	cation form		
	 Study plan 			
	 Certificate of high 	nest educational level (certified		
	translation is requ	ired if the original certificate is		
	not issued in Engl	ish or Chinese)		
	• Transcripts of hig	hest educational level		
	(including descrip	otion of the grading system,		
	GPA, class or school ranking. Certified translation is required if the original transcript is			
	not issued in Engl	ish or Chinese		
	• Two letters of reco	ommendation		
	 Proof of English 1 	anguage proficiency		
	The English language 1	proficiency of applicants must		
	meet the following minimum requirement: TOEFL PBT500/CBT173/ iBT73, IELTS 5.5			
	(academic)			
	• Financial statemen	nt (proof of scholarship award		
	or proof of bank of	leposit, to be submitted during		
	registration).			
	• Passport or other	proof of nationality		
		ident Certificate (ARC, if any)		
		ctoral programs must upload		
		is. Graduating master's students		
		for doctoral programs must		
	upload an outline	of their master's thesis.		

İ		2.04
		2. Other supporting documents:
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
		Compulsory documents:
	Γ	Proof of Chinese Language Proficiency
Selection	Preliminary	Application material review: Comprehensive review
Method	Review	of the application materials submitted by the
		applicants.
		Evaluation items: Academic GPA, research potential,
		practical skills, extracurricular activity, special talent,
		achievement and awards.
	Second	Yes. Interview (the method of the second-round exam,
	Review	e.g. phone, skype, Details will be noticed by E-
		mail)
		Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additiona	l Requirement	-
	De	epartment/Institute Information
Departmen	nt/Institute	(1)Integrate theoretical studies with financial planning,
Profile		financial engineering, and risk management of the
		enterprises to achieve the goal of combining the
		internationalized researches with localized
		applications.
		(2)Promote superior financial researches with practical
		implications and nurture more outstanding financial
		professionals.
Program C	Curriculum	https://finance.nctu.edu.tw/
Career and	l Future Map	Students after completing information and finance
		curriculum under the Graduate School, will be highly
		sought after whether they choose to enter into the
		employment market or stay in academia for further
		advancement.
		After they graduated, students may choose to work in
		IT industry, where employers range widely including
		government organizations, financial securities,
		traditional industries, high-tech manufacturing and
·		

	servicing businesses, financial institutions, and others.		
	A smaller number of students may also choose to work		
	for academia or continue for further academic		
	advancement. In short, a great number of opportunities		
	and a wide range of future directions are available for		
	students to choose from.		
Website	https://finance.nctu.edu.tw/		
Contact information	Administration Staff		
	Name	Annie Hsieh	
	Telephone	+886-3-5131348	
	Fax	+886-3-5729915	
	Email	anniesha@mail.nctu.edu.tw	

Institute of Management of Technology

Degree Program	Group
Master	
Doctor	
Mainly taught in Chine	ese
Application Regulat	ions
-	
80 points or above (GI	PA)
1. Required documen	ts (Application shall not be
processed if any of	The following required
documents is missi	ing):
Admissions appli	cation form
Study plan	
	nest educational level (certified
translation is requ	nired if the original certificate is
not issued in Engl	lish or Chinese)
1	hest educational level
1	otion of the grading system,
	ool ranking. Certified
1	aired if the original transcript is
1	
	language proficiency
	proficiency of applicants must
_	-
	173/ iBT73, IELTS 5.5
·	
	nt (proof of scholarship award
1	deposit, to be submitted during
1	
•	•
	sident Certificate (ARC, if any)
	ctoral programs must upload
	sis. Graduating master's students
	Master Doctor Mainly taught in Chine Application Regulat - 80 points or above (GI 1. Required document processed if any of documents is missi Admissions appli Study plan Certificate of high translation is required not issued in Eng Transcripts of high (including descript GPA, class or sch translation is required not issued in Eng Two letters of rece Proof of English In The English language meet the following mint TOEFL PBT500/CBT (academic) Financial stateme or proof of bank or registration). Passport or other Taiwan Alien Rese Applicants for do

1		
		2. Other supporting documents:
		◆ Proof of Chinese language proficiency
		3. Documents required by the department/institute
		Compulsory documents:
		Proof of ranking of highest degree obtained (proof of
		ranking in class and/or school/university)
Selection	Preliminary	Application material review: Comprehensive review
Method	Review	of the application materials submitted by the
		applicants.
		Evaluation items: Academic performance, research
		potential, practical skills, extracurricular activities, etc.
	Second	Yes. online interview (e.g. phone, skype).
	Review	Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additional	Requirement	-
	De	epartment/Institute Information
Departmen	nt/Institute	Management of Technology, MOT, is a professional
Profile		study which integrates engineering, science, and
		management. The study is applied in planning,
		developing, and establishing the skills of technology
		within an organization in order that the strategies and
		the purpose of the organization can be accomplished.
		In short, MOT is to explore how to manage and
		employ technology effectively.
		This is a particularly relevant aspiration, in view of the
		transformation of Taiwan's manufacturing industry
		from labor-intensive production to a capital- or
		technology-intensive industrial base. This transition
		into high value-added manufacturing creates a soaring
		demand for multi-disciplinary engineers and managers
		who are required to effectively manage technical
		innovations and, ultimately, spur economic growth. In
		order to meet the needs of industry and government,
		National Chiao-Tung University (NCTU) combines
		the qualified scientists and students with valuable
		industrial resources from Hsinchu Science Based

	1		
	Industrial Pa	ark (SBIP) and Industrial Technology	
	Research In	stitute (ITRI) to be the first in Taiwan to	
	establish the	e Graduate Institute of Management of	
	Technology (IMOT) at National Chiao-Tung		
	University (NCTU) in 1991. In responding to demand		
	for such highly qualified personnel, the first MOT		
	Master Cred	lits Program in Taiwan was soon	
	established	in 1992, and the Ph.D. Program was	
	additionally	established in 2000 with the objective of	
	bringing mo	ore professional managers into the hi-tech	
	industry.		
Program Curriculum	Doctoral stu	idents must complete at least 36 credits of	
	coursework	, including at least 7 courses (21 credits)	
	from the Ins	stitute, at most 3 courses (9 credits) from	
	other departments/institutes. In addition, we also		
	have pre-requisite, such as Accounting, Management,		
	Economics, Statistics, International Marketing,		
	Business Policy and Strategic Management, Financial		
	Strategies and Management, Industry Analysis and		
	Innovation, Quantitative Course. To waive the pre-		
	requisite courses, students should fill and submit the		
	form of Application for Waiving Ph.D. Pre-requisite		
	Courses (Fo	rm D01) to the Institute and get the	
	approval from the course lecturer.		
Career and Future Map	Manufacturing, Service, Education		
Website	http://mot.nctu.edu.tw		
Contact information	Administration Staff		
	Name	Ya-Ling Wu	
	Telephone	+886-3-5726750	
	Fax	+886-5726749	
	Email	yaling@nctu.edu.tw	
t.		•	

College of Humanities and Social Sciences Graduate Program of Foreign Literatures and Linguistics, Dept. of Foreign Languages & Literatures

Intake	Degree Program	Group		
Spring	Master	A: Literature track		
		B: Linguistics track		
Language of Instruction	English and Mandarin	taught percentage is 50%-50%		
	Application Regula	tions		
Department	-			
Restrictions				
Academic Grade	-			
Criteria				
Required Documents	1. Required documer	nts (Application shall not be		
	processed if any or	f the following required		
	documents is miss	ing):		
	Admissions appli	ication form		
	• Study plan (Pleas	se indicate the category of your		
	choice, majoring in literature or linguistics).			
	• Certificate of highest educational level (certified			
	translation is required if the original certificate is			
	not issued in English or Chinese)			
	Transcripts of highest educational level			
	(including a description of the grading system,			
	GPA, class or school ranking. Certified			
	translation is required if the original transcript is			
	not issued in Eng	lish or Chinese		
	• Two letters of rec	commendation		
	• Proof of English	language proficiency		
	The English language proficiency of applicants must			
	meet the following minimum requirement:			
	TOEFL iBT100, IELTS 6.5 (academic)			
	• Financial statement (proof of scholarship award			
	or proof of bank deposit, to be submitted during			
	registration).			
	• Passport or other	proof of nationality		
	Taiwan Alien Res	sident Certificate (ARC, if any)		
	2. Documents required	d by the department/institute		

		Proof of Chinese Proficiency
Selection	Screening	Application material review: Comprehensive review
Method	C	of the application materials submitted by the
		applicants.
		Evaluation items: Curriculum Vitae/Resume,
		Statement of Purpose, Writing sample, Proof of
		ranking of highest degree obtained (proof of ranking
		in class and/or school/university), Research potential,
		and extracurricular activity.
	Interview	Interview at NCTU or online interview
		Applicants who pass the screening will be contacted to
		set up an interview on campus or online.
Additional	Requirement	-
		partment/Institute Information
Departmen		Overview
Profile		National Chiao Tung University (NCTU) boasts
		outstanding performance in the fields of science,
		technology, and management. In recognition of the
		important role of liberal arts in the development of
		technology and the essential role of language in the
		flow of information, the Department of Foreign
		Languages and Literatures (NCTU FL) was
		established in August 1994. As the first and only
		department in the College of Humanities and Social
		Sciences with an undergraduate program, we aim to
		contribute to the broad mission of the university to
		enhance the integration of technology and humanities
		through teaching and research.
		Graduate Program
		The Graduate Institute of Cultural Studies and
		Linguistics was launched in 2000 with two areas of
		concentration: Literature and Linguistics. Our
		graduate program offers in-depth coursework and
		academic research opportunities that build on the

foundational training in linguistics and literature analyses offered in undergraduate programs. Our overarching goals are to continue to nurture students' critical reasoning and linguistic competence beyond the undergraduate level and to empower future professionals to contribute to their chosen fields of expertise.

By bringing together theory and practice, The Graduate Institute of Linguistics places special emphasis on cultivating the critical thinking skills and analytic tools necessary for linguistic research. Our fields of research span an extensive range of subareas in linguistics including phonetics, phonology, syntax, semantics, sociolinguistics, and language acquisition. In addition, we pursue interdisciplinary research at the interfaces between phonetics and phonology and syntax and semantics.

The Graduate Institute of Literature originally focused on cultural studies with an emphasis on the interdisciplinary and creative nature of humanities research. In recent years, the research interests of the Institute have broadened to include literary criticism and film studies, as well as their interfaces with literary works, visual texts, and diverse cultural phenomena.

	1		
Program Curriculum	Please refer to		
	http://www.fl.nctu.edu.tw/courses_req.en.php		
Career and Future Map	Current distribution of our alumni's professional		
	activities is a	as follows:	
	39% in educ	cation, 15% in information technology,	
	12% in business and trade, 8% in service industry, 4%		
	in cultural industry, and 11% in other areas.		
Website	http://www.fl.nctu.edu.tw/		
Contact information	Administration Staff		
	Name	Hui-Ying Tsou	
	Telephone	+886-3-5712121 ext.31661	
	Fax	+886-3-5726037	
	Email	huiyingtsou@nctu.edu.tw	

Institute of Communication Studies

Intake	Degree Program	Group			
Spring	Master				
Language of Instruction	■ Mainly taught in Chinese				
	■English Syllabus and	d Possible instructional Contents			
	will be provided accord	ding to students' needs.			
	Application Regulat	ions			
Department	-				
Restrictions					
Academic Grade	-				
Criteria					
Required Documents	1. Required documen	ts (Application shall not be			
	processed if any of	the following required			
	documents is missi	ng):			
	Admissions applie	cation form			
	Study plan				
	• Certificate of high	nest educational level (certified			
	translation is required if the original certificate is				
	not issued in Engl	lish or Chinese)			
	• Transcripts of hig	hest educational level			
	(including descrip	otion of the grading system,			
	GPA, class or sch	ool ranking. Certified			
	_	ired if the original transcript is			
	not issued in Engl				
	• Two letters of reco				
		anguage proficiency			
		proficiency of applicants must			
	meet the following min	•			
	TOEFL PBT500/CBT173/ iBT73, IELTS 5.5				
	(academic)				
	1.1	non-English speaking countries			
	-	provide English proficiency			
		as TOEFL PBT500/CBT173/			
		(academic), TOEIC 700 ⁺)			
		proficiency certificate is not			
	_	applicants whose previous			
	degree is from	m an English-speaking country			

		 (Australia, Canada, United Kingdom, Ireland, New Zealand, South Africa or the United States of America), but the applicants have to provide their diplomas as proof. Financial statement (proof of scholarship award or proof of bank deposit, to be submitted during registration). Passport or other proof of nationality Taiwan Alien Resident Certificate (ARC, if any) Applicants for doctoral programs must upload their master's thesis. Graduating master's students who are applying for doctoral programs must upload an outline of their master's thesis. Other supporting documents: The Chinese Proficiency certificate: Applicants are required to provide a Chinese proficiency certificate (TOCFL or New HSK or relevant Chinese language certificate.) Documents required by the department/institute Suggested supporting documents: CV/Resume, Participation in Research projects, GMAT certificate, GRE certificate (please specify subject), Other like: Certificates of extracurricular activities, Project reports, and Production/Art works, etc
Selection	Preliminary	Application material review: Comprehensive review
Method	Review	of the application materials submitted by the
		applicants. Evaluation items: Academic GPA, research potential,
		practical skills, extracurricular activity, special talent,
		achievement and awards.
	Second	Yes. Skype interview
	Review	Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additional	Requirement	-

De	epartment/In	stitute Information	
Department/Institute	Taking advantage the strength of technology studies in		
Profile	National Chiao Tung University, ICS places its research		
	emphasis	on exploring the way technology is	
	transformin	g the field of communication. This	
	interdiscipli	nary major integrates two subfields: New	
	Media and M	Marketing Communication, New Media and	
	User Exper	rience. By incorporating course work on	
	humanities	and social science, interaction design, and	
	media tech	nology management, it aims to cultivate	
	students w	ith knowledge of both technology and	
	humanities.		
	TD1 1		
	The goals of our instruction are to have students be		
	capable of communicating users from varying levels of		
	interacting technical proficiency, to enlight and arouse		
	dialogue between theories and practices, to train		
	students' logical thinking, and to boost their problem-		
	solving ability.		
Program Curriculum	https://nctuicsen.webflow.io/students [Curriculum]		
Career and Future Map	https://nctuicsen.webflow.io/students [Curriculum]		
Website	http://www.ics.nctu.edu.tw		
Contact information	Administration Staff		
	Name	Hui-Jane Tsao	
	Telephone	+886-3-5731991	
	Fax	+886-3-5727143	
	Email	ict31991@nctu.edu.tw	

Institute of Applied Arts

Intake	Degree Program	Group
Spring	Master	Restrictions apply for a group
		A. Industrial Design Group
		B. Trans-disciplinary Arts
		Group
	Doctor	Restrictions apply for a group
		A. Industrial Design Group
		B. Trans-disciplinary Arts
		Group
		C. Communication and
		Technology Group
Language of	Mainly taught in Chir	nese
Instruction		
	Application Regul	ations
Department	A. Industrial Design (Group
Restrictions	Restrictions on	departments: Industrial Design,
	Product Design, F	urniture Design and related design
	departments.	
	B. Trans-disciplinary	Arts Group
	No restrictions on	departments.
	C. Communication an	nd Technology Group
	No restrictions on dep	partments.
Academic Grade	-	
Criteria		

		·	
Selection Preliminary Method Review		 Required documents (Application shall not be processed if any of the following required documents is missing): Admissions application form Study plan Certificate of highest educational level (certified translation is required if the original certificate is not issued in English or Chinese) Transcripts of highest educational level (including description of the grading system, GPA, class or school ranking. Certified translation is required if the original transcript is not issued in English or Chinese Two letters of recommendation Electronic format for portfolios or research reports Proof of English language proficiency The English language proficiency of applicants must meet the following minimum requirement: TOEFL PBT500/CBT173/ iBT73, IELTS 5.5 (academic) Financial statement (proof of scholarship award or proof of bank deposit, to be submitted during registration). Passport or other proof of nationality Taiwan Alien Resident Certificate (ARC, if any) Applicants for doctoral programs must upload their master's thesis. Graduating master's students who are applying for doctoral programs must upload an outline of their master's thesis. Other supporting documents: 	
		Proof of Chinese language proficiency	
Selection	Preliminary	Application material review: Comprehensive review of	
Method	Review	the application materials submitted by the applicants.	
		Academic performance, research potential, practical	
		skills, extracurricular activities, etc.	
	Second	Yes. Interview (phone, skype)	
	Review	Applicants who performed well in the preliminary	
		department review shall be selected for the second	

		review. The department shall notify applicants of	
		relevant second review information.	
Additional		Communication and Technology Group is supervised	
Requirement		by the Institute of Communication Studies.	
	D	epartment/Institute Information	
Departme	nt/Institute	The integrating and interdisciplinary development with	
Profile		the feature of integrating art and design, we hope to	
		recruit excellent students from related departments and	
		all the elite with different backgrounds. Holding the	
		privileges of human and geo resources as well as the	
		university subsidies for humanism program, we possess	
		the high frequency for international exchanges and have	
		been holding exhibitions regularly.	
		A. Industrial Design Group	
		To achieve the goal of cultivating advanced experts in	
		the field of product design practice, strategy, theory	
		and ogy, research, the education of this major	
		emphasizes both on theory and practice with the	
		integrated knowledge of technol art and humanity. It	
		includes product development, creative design, avant-	
		garde design, interactive design, service design,	
		universal design, green and sustainable design, design	
		culture, design thinking, design theory & method,	
		CAID, and more.	
		B. Trans-disciplinary Arts Group	
		This major emphasizes the theory and practice of	
		design through the concepts of technology art.	
		Application of research and theory are crucial to	
		human based learning. Discussing the human use of	
		computer technology, visual theory, formative	
		psychology, aesthetics theory and academic research	
		are also stressed.	
		C. Communication and Technology Group	
		Supervised and courses offered by the Institute of	
		Communication Studies. Two concentrations include	
		(a) New media and user experience and (b) New	
		media and marketing communication.	
Program Curriculum		A. Industrial Design Group	

	T		
Career and Future Map	into three design kraincreasing expertise program pathem. B. Trans-distran		
	communication expert, broadcasting press journalist		
Website	http://www.iaa.nctu.edu.tw		
	http://www.ics.nctu.edu.tw		
Contact information	Administration Staff		
	Name	Li-Hong Chou	
	1 101110	(Industrial Design Group, Trans-	
		disciplinary Arts Group)	
	Tolophono		
	Telephone	+886-3-5731963	

Email	iaaoffice@nctu.edu.tw
Name	Hui-Jane Tsao (Communication and
	Technology Group)
Telephone	+886-3-5731991
Fax	+886-3-5727143
Email	ict31991@nctu.edu.tw

Institute of Music

Intake	Degree Program	Group	
Spring	Master	(A) Musicology	
		(B) Composition	
		(C) Electronic Technology	
		Music	
		(D) Multimedia new Music	
		(E) Piano Performance	
		(F) Violin Performance	
		(Applicants can only apply for	
		one division.)	
Language of Instruction	■Sufficiently taught i	in English to satisfy graduation	
	requirements (not requ	uired to take courses taught in	
	Chinese)		
	■Mainly taught in Ch	ninese	
	Application Regula	tions	
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Application will not be processed of any of the		
	following required	d documents is found missing:	
	 Application form 	1	
	 Study plan 		
	Official degree certificate of highest degree		
	obtained (the certified translation required if not		
	originally issued in English or Chinese language)		
	• Full transcript of records of highest degree		
	obtained (including the explanation of the		
	grading system, GPA and the rank in		
	class/school/university; the certified translation		
	required if not originally issued in English or		
	Chinese language)		
	Two recommendation letters		
	 Proof of English 	Language Proficiency*	

- Financial statement (should submit the official bank statement or the proof of scholarship award on the registration day)
- Passport or other proving document of nationality
- Taiwan Alien Resident Certificate (ARC) (if any)
- *Applicant's English language proficiency should meet the following minimum requirement: TOEFL PBT500/CBT173/ iBT73, IELTS 5.5 (academic)
- 2. Suggested supporting document:
- Proof of Chinese Language Proficiency
- Documents required by department/institute
 (A) Musicology
 - (1) Personal Profile: About 1000 words, should include personal and educational background, study goals for the master's program, and career planning after graduation.
 - (2) Short video of the applicant speaking in English: content based on the above profile, within three minutes, upper body facing the camera, format as 720p / MP4.
 - (3) One to two critical essay(s) on music-related issues: Each shall be at least 1500-word long. It can be adapted from the applicant's previous works (such as class papers); however, if any content is quoted or translated from others' words or viewpoints, the source must be cited according to scholarly practice. Otherwise, it will be viewed as plagiarism, and the score will be severely reduced.
- (B) Composition, Electronic Technology Music,
 Multimedia New Music
 A number of works composed by the applicant.
 The works can be of different styles, forms, and elements (can include instrumental/vocal composition, electronic music, new music theatre composition). The aforementioned works can be

		1	
		submitted along with relevant video (or audio) files	
		and the report on the creative concepts of	
		composition.	
		(C) Piano Performance	
		Applicants need to submit a DVD and CD of	
		his/her live, unedited recording, performing works	
		chosen from the below categories (must be played	
		from memory)	
		(1) One of the Études by Frédéric Chopin, selected	
		from Études Op. 10 or Études Op. 25 (Except	
		for Étude Op. 10 No. 3, Étude Op. 10 No. 6,	
		Étude Op. 25 No. 1, Étude Op. 25 No. 2, and	
		Étude Op. 25 No. 7).	
		(2) Three compositions from different periods, one	
		of which must be a multiple-movement sonata.	
		(D) Violin Performance	
		Applicants need to submit a DVD and CD of his/her live, unedited recording, performing works	
		chosen from the below categories. (Except sonatas	
		play with piano, all other solo sonatas and works	
		must be played from memory. Please follow the	
		below specified order in the recording.) Four compositions in contrasting styles:	
		(1) A movement of the Sonatas and Partitas for	
		Solo Violin by J.S. Bach.	
		(2) One of the Caprices from the 24 Caprices for	
		Solo Violin by Niccolò Paganini.	
		(3) A multiple-movement sonata played with	
		piano.	
		(4) The first movement of a standard concerto	
		including the cadenza (if applicable).	
		Suggested supporting documents:	
		Optional: Proof of proficiency in languages other than	
G 1	D 11 1	English or Chinese is beneficial for the review.	
Selection	Preliminary	Application material review: Comprehensive review	
Method Review		of the application materials submitted by the	
		applicants.	
		Evaluation items: Professional performance and	
		research potential.	
	Second	Yes. Interview.	

	Review	A) Musicology: Online interview: 3 minutes English
		personal profile, censorship materials and questions
		related to music research.
		(B) Composition and technology: Online interview:
		Censorship materials and questions related to music
		research
		(C) Performance: Online interview: 10 minutes
		interview regarding performance studies, sitting next
		to your instrument.
		Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additiona	l Requirement	-
	De	epartment/Institute Information
Departmen	nt/Institute	The Institute of Music at National Chiao Tung
Profile		University consists of three divisions: musicology,
		Composition and technology, and performance. Our
		curriculum covers a wide range of studies, including
		European historical musicology and the study of
		Taiwanese local music and culture; solo and chamber
		performances of works from Baroque repertoire to
		modern classics; and composition training that
		includes electronic music and musical theaters. The
		Institute's seven full-time faculty all received their
		advanced degrees from leading schools in the United
		States of America and Europe. Together with an
		average of fifteen adjunct faculty members, all of
		whom excellent scholars, performers and composers
		in Taiwan, the Institute provides an excellent
		environment with an optimal student-faculty ratio,
		first rate teaching and practice/ research facilities
		and numerous on- and off-campus platforms for
		performances, research or compositions presentation,
		as well as master classes, workshops and colloquiums.
Program C	Curriculum	Please refer to the "Regulations & Requirements for
		Graduate Studies" on the institute's website.
Career and	d Future Map	Teacher, Orchestra member
L		ı

Website	https://imu.nctu.edu.tw	
Contact information	Administration Staff	
	Name	JUI-WEN CHANG
	Telephone	+886-3-5731639
	Fax	+886-3-5745749
	Email 886-3-5745749	

Institute of Education

Intake	Degree Program	Group		
Spring	Master	1. Educational Psychology		
	Doctor	2. Science Education		
		3. E-learning		
Language of Instruction	Mainly taught in Chinese			
	Application Regula	ations		
Department	-			
Restrictions				
Academic Grade	-			
Criteria				
Required Documents	1. Required docume	ents (Application shall not be		
	processed if any o	of the following required		
	documents is miss	sing):		
	• Admissions appl	lication form		
	Study plan			
	Certificate of highest educational level (certified)			
	translation is required if the original certificate is			
	not issued in English or Chinese) Transcripts of highest educational level (including description of the grading system,			
	GPA, class or sc	hool ranking. Certified		
	translation is req	quired if the original transcript is		
	not issued in English or Chinese).			
	Two letters of recommendation			
	 Proof of English language proficiency 			
	The English language proficiency of applicants must			
	meet the following minimum requirement:			
	TOEFL PBT500/CBT173/ iBT73, IELTS 5.5			
	(academic)			
	Financial statement (proof of scholarship award			
	or proof of bank deposit, to be submitted during			
	registration).			
	Passport or other proof of nationality			
		esident Certificate (ARC, if any)		
		octoral programs must upload		
	their master's the	esis. Graduating master's students		

I		who are applied of a description	
		who are applying for doctoral programs must upload an outline of their master's thesis.	
		2. Other supporting documents:	
		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
		Compulsory documents:	
		Suggested supporting documents:	
		CV/Resume, Research proposal, Proof of ranking of	
		highest degree obtained (proof of ranking in class	
		and/or school/university), Explanation of grading	
		system of highest degree obtained.	
Selection	Preliminary	Application material review: Comprehensive review	
Method	Review	of the application materials submitted by the	
		applicants.	
		Evaluation items: academic GPA, research potential,	
		practical skills, extracurricular activity, special talent,	
		achievement and awards.	
	Second	Yes. Interview (phone, skype)	
	Review	Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additiona	l Requirement	-	
	De	epartment/Institute Information	
Departmen	nt/Institute	The Institute of Education continually strives to	
Profile		provide high quality teaching and research, in areas	
		including Educational Psychology, Science Education,	
		and Digital Learning. Many of our teaching staff not	
		only have won critical acclaims in research and in	
		teaching, but also have published in domestic and	
		international prestigious journals.	
Program Curriculum		http://www.education.nctu.edu.tw/	
Career and Future Map		Our alumni hold positions primarily as teachers in	
		schools of all levels (including university, junior high	
		school, and elementary school), corporate education and	
		training personnel, and research staff.	
Website		http://www.education.nctu.edu.tw/	
•		·	

Contact information	Administration Staff		
	Name Ms. LEE CHIA-LING		
	Telephone +886-3-5731641		
	Fax +886-3-5738083		
	Email <u>ljl@mail.nctu.edu.tw</u>		

Institute of Teaching English to Speakers of Other Languages

Intake	Degree Program	Group		
Spring	Master			
Language of Instruction	Instruction Fully taught in English			
Application Regulations				
Department	-			
Restrictions				
Academic Grade	Suggested GPA 80 or a	bove (on scale of 100)		
Criteria				
Required Documents	1. Required documen	ts (Application shall not be		
	processed if any of	the following required		
	documents is missi	ng):		
	 Admissions applie 	cation form		
	 Study plan 			
	 Certificate of high 	nest educational level (certified		
	translation is requ	ired if the original certificate is		
	not issued in Engl	ish or Chinese)		
	Transcripts of highest educational level			
	(including descrip	(including description of the grading system,		
	GPA, class or school ranking. Certified			
	translation is requ	ired if the original transcript is		
	not issued in English or Chinese).			
	• Two letters of rec	ommendation		
	Proof of English language proficiency			
	The English language proficiency of applicants must			
	meet the following minimum requirement:			
	TOEFL PBT500/CBT173/ iBT73, IELTS 5.5			
	(academic)			
	• Financial statement (proof of scholarship award			
	or proof of bank deposit, to be submitted during			
	registration).			
	Passport or other proof of nationality			
		ident Certificate (ARC, if any)		
	Applicants for doctoral programs must upload			
		is. Graduating master's students		
		for doctoral programs must		
	upload an outline of their master's thesis.			
	2. Other supporting documents:			

		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
		Compulsory documents: CV/Resume, Research	
		proposal, Proof of ranking of highest degree obtained	
~ .	Γ_ 4	(proof of ranking in class and/or school/university)	
Selection	Preliminary	Application material review: Comprehensive review	
Method	Review	of the application materials submitted by the	
		applicants.	
		Evaluation items: Academic GPA, research potential,	
		practical skills, experience for teaching English,	
		motivation of the study.	
	Second	Yes, skype / interview in person.	
	Review	Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additiona	l Requirement	-	
	De	epartment/Institute Information	
Departmen	nt/Institute	The curriculum offered in the Graduate Institute of	
Profile		TESOL covers areas such as TESOL Methodology,	
		Theory of Second Language Acquisition and Applied	
		Linguistics, one of its main features being the opening	
		of courses such as Computer Assisted Language	
		Learning and English for Science and Technology:	
		Pedagogy and Research, which not only ties closely	
		with the development of domestic technology industry	
		but also makes good use of the plentiful research	
		resources available here in National Chiao Tung	
		University. Such distinct characteristic allows	
		graduate students to grasp the trend of English	
		teaching in the E generation, and they are also able to	
		integrate the most updated theory learned into their	
		teaching practices. Additionally, with related courses	
		offered in the Graduate Institute of Foreign Literatures	
		and Linguistics, students are able to immerse in the	
		academic atmosphere and reach out to broader	
		research directions.	
Program (Curriculum	http://tesol.nctu.edu.tw/	
110814111			

Career and Future Map	English teacher, design and development of the		
	teaching materials		
Website	http://tesol.nctu.edu.tw/		
Contact information	Administration Staff		
	Name Corey Chen		
	Telephone +886-3-5712121 ext. 52778		
	Fax +886-3-5739033		
	Email	corey@mail.nctu.edu.tw	

Institute of Social Research and Cultural Studies

Intake	Degree Program	Group
Spring	Master	Master:
	Doctor	- Social Research and Cultural
		Studies Group
		Doctor:
		- Social Research and Cultural
		Studies Group
		- Inter-Asia Culture Studies
		Group
Language of	Mainly Chinese-taugh	nt courses, and some courses
Instruction	offered in English.	
	Application Regula	ations
Department	-	
Restrictions		
Academic Grade	-	
Criteria		(1 1 1 1 1
Required Documents	Required documents (Application shall not be processed if any of the following required	
	-	
	documents is miss	5 /
	◆ Admissions appl	ication form
	Study planCortificate of high	thest educational level (certified
		uired if the original certificate is
	not issued in Eng	_
	_	ghest educational level (including
	•	e grading system, GPA, class or
	-	Certified translation is required if
		cript is not issued in English or
	Chinese).	
	• Two letters of red	commendation
	Proof of English	language proficiency
	The English language	proficiency of applicants must
	meet the following mi	inimum requirement:
	TOEFL PBT500/CBT	173/ iBT73, IELTS 5.5
	(academic)	
	◆ Financial stateme	ent (proof of scholarship award
	or proof of bank	deposit, to be submitted during

Ĭ			
		registration).	
		Passport or other proof of nationality	
		Taiwan Alien Resident Certificate (ARC, if any)	
		Applicants for doctoral programs must upload	
		their master's thesis. Graduating master's students	
		who are applying for doctoral programs must	
		upload an outline of their master's thesis.	
		2. Other supporting documents:	
		Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
		Compulsory documents:	
		Research proposal	
		Suggested supporting documents:	
		CV/Resume, Research proposal, Proof of ranking of	
		highest degree obtained (proof of ranking in class	
		and/or school/university), Explanation of grading	
		system of highest degree obtained, GMAT certificate,	
		GRE certificate, Sample Writings	
Selection	Preliminary	Application material review: Comprehensive review of	
Method	Review	the application materials submitted by the applicants.	
		Evaluation items: research potential, research	
		problematics, practical skills, extracurricular activity,	
		special talent, achievement and awards	
	Second	Yes, interview. Recorded a video footage containing	
	Review	self-introduction, research interests, and motivation in	
		Mandarin or English. (3-5 mins)	
		Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additional	1	-	
Requirement			
-		epartment/Institute Information	
Department/Institute		The Institute of Social Research and Cultural Studies	
Profile		was established in 2002 at National Chiao Tung	
		University, Taiwan, as an interdisciplinary researching	
		and teaching unit, with Master's and PhD programs.	

The need for social, (inspired by the Frankfurt School critical theory) and cultural interdisciplinary studies, (along with localization studies) became its academic foundations with the aim to establish a cross-boundary approach to more deeply analyze social thought, critical thinking and cultural theory in a social-historical context. The theoretical framework focuses on critical reflections, practices, symbolic forms of cultures with their ideologies and social problems as well as current politics, ethics and aesthetics. Students whose theses offer unique cross-disciplinary perspectives are especially welcome. Social and cultural areas of analysis are divided into three theoretical sub-fields: Taiwan Cultural Studies, Critical Studies of Inter-Asian Societies and Social Practice and Artistic Production. For PhD program, the Institute of Social Research and Cultural Studies offers two groups: "Social Research and Cultural Studies" and "Inter-Asia Culture Studies," working collaboratively within four focal research clusters from across the UST universities, i.e., National Chiao Tung University, National Tsing Hua University, National Central University, National Yang Ming University. IACS promotes the use of inter-Asian cultural connections as a novel framework for approaching world history and global cultures. The Institute provides practical, cultural cooperation with the international academic environment to help students develop international perspectives in the process of academic exchanges. Program Curriculum Graduation requirement: http://www.srcs.nctu.edu.tw/srcs_en/taught.aspx_ "Social Research and Cultural Studies" http://www.srcs.nctu.edu.tw/srcs en/course.aspx "Inter-Asia Culture Studies" http://140.113.199.26/en/Academics/ma about/ability Career and Future Map SRCS stresses the development of abilities for critical thinking and keen observation of social and cultural

	phenomenon and their logical analysis. Graduate		
	students present solid academic background and		
	preparation for team work, decision making, selection		
	of information and creative planning in the context of		
	an interdisciplinary environment. Therefore they are		
	perfect candidates to work in various types of cultural		
	industries, publishing, media, museums, art institutions		
	and research agencies.		
Website	http://www.srcs.nctu.edu.tw/srcs_en/intro.aspx		
	http://140.113.199.26/en/Academics/ma about/About		
Contact information	Administration Staff		
	Name	Hui-Fang Hung	
	Telephone +886-3-5131593		
	Fax	+886-3-5734450	
	Email <u>hungfa@mail.nctu.edu.tw</u>		

International Master's Program in Inter-Asia Cultural Studies (UST)

Intake	Degree Program	Group		
Spring	Master			
Language of	Sufficiently taught in English to satisfy graduation			
Instruction	nstruction requirements.			
Application Regulations				
Department	-			
Restrictions				
Academic Grade Criteria	-			
Required Documents	processed if any of documents is missing. Admissions applied. Study plan Certificate of high translation is required not issued in Englied. Transcripts of high description of the school ranking. Cetthe original transcripts of recording the original transcripts. Two letters of recording the English language process the following min TOEFL PBT500/CBT1 (academic) Financial statement or proof of bank deregistration). Passport or other process the Applicants for docess.	est educational level (certified red if the original certificate is ish or Chinese) nest educational level (including grading system, GPA, class or ertified translation is required if ript is not issued in English or enguage proficiency or applicants must imum requirement:		

ı			
		who are applying for doctoral programs must	
		upload an outline of their master's thesis.	
		2. Other supporting documents:	
		◆ Proof of Chinese language proficiency	
		3. Documents required by the department/institute	
		Compulsory documents:	
		CV / Résumé	
		• Study plan (including motivation, course plan,	
		research project, area of concentration, future	
		prospects, and/or advisor)	
Selection	Preliminary	Application material review: Comprehensive review of	
Method	Review	the application materials submitted by the applicants.	
		Evaluation items: Research potential, practical skills,	
		extracurricular activity, special talent, achievement and	
		award.	
	Second	Yes. Recorded a video footage containing self-	
	Review	introduction, research interests, and motivation in	
		Mandarin or English. (3-5 mins)	
		Applicants who performed well in the preliminary	
		department review shall be selected for the second	
		review. The department shall notify applicants of	
		relevant second review information.	
Additional		-	
Requireme	ent		
	D	epartment/Institute Information	
Departmen	nt/Institute	IACS-UST seeks to advance new forms of	
Profile		interdisciplinary knowledge that connect academic	
		learning to inter-Asian as well as global problems and	
		contexts. It highlights four curricula clusters: (1)	
		Critical Theory and Asian Modernity, (2)	
		Contemporary Thought-trends and Social Movement,	
		(3) Gender and Sexuality Studies, (4) Visual Culture	
		Studies (Art History & Cinema Studies) with a pool of	
		70 outstanding faculty members from various	
		disciplinary backgrounds in the four universities.	
Program C	Curriculum	We expect every IACS graduate to have a good grasp	
		of Asian societies, politics and historical	
		commonalities. As they grow knowledgeable about the	

	1		
	latest developments of interdisciplinary studies in		
	Humanities and Social Sciences, we also hope to		
	cultivate their sensitivity to everyday changes, both on		
	the local and the global level. The students will learn to		
	think and observe beyond disciplinary boundaries		
	while also re	eceiving proper training in the foundational	
	disciplinary traditions.		
Career and Future Map	IACS program's interdisciplinary orientation engages		
	the global academic community by actively and		
	flexibly responding to emerging intellectual		
	challenges.		
Website	http://iics.nctu.edu.tw/		
Contact information	Administration Staff		
	Name	Tan, Seow Nee	
	Telephone	+886-3-5731657	
	Fax	+886-3-5734450	
	Email	xiaoni0511.iac04g@g2.nctu.edu.tw	

College of Hakka Studies (Liujia Campus) Institute of Ethnicity and Culture, Department of Humanities and Social Sciences

Intake	Degree Program	Group	
Spring	Master		
Language of	Mainly taught in Chinese		
Instruction			
	Application Regulations		
Department	-		
Restrictions			
Academic Grade	-		
Criteria			
Required Documents	1. Required documents (Application sl	nall not be	
	processed if any of the following red	quired documents	
	is missing):		
	Admissions application form		
	Study plan		
	• Certificate of highest educational le	evel (certified	
	translation is required if the original certificate is not		
	issued in English or Chinese)		
	• Transcripts of highest educational l	,	
	description of the grading system, GPA, class or		
	school ranking. Certified translatio	-	
	original transcript is not issued in I	English or Chinese)	
	• Two letters of recommendation		
	Proof of English language proficient The English language profice •		
	The English language proficiency of app	plicants must meet	
	the following minimum requirement:		
	TOEFL PBT500/CBT173/ iBT73, IELT		
	• Financial statement (proof of schol	1	
	proof of bank deposit, to be submit	ned during	
	registration).Passport or other proof of nationali	ts:	
	 Taiwan Alien Resident Certificate 	-	
	 Applicants for doctoral programs n 	• /	
	master's thesis. Graduating master'	-	
	applying for doctoral programs mu		
	outline of their master's thesis.	-	

I				
		2. Other supporting documents:		
		Proof of Chinese language proficiency		
		3. Documents required by the department/institute		
		Additional required documents:		
		Autobiography		
		Research Plan		
		One sample thesis (or research report)		
		Chinese competence certification. (Equivalent to		
		CEFR Advanced Level B1 or above)		
		Optional document:		
		Academic ranking in grade reports		
Selection	Preliminary	Application material review: Comprehensive review of the		
Method	Review	application materials submitted by the applicants.		
	Second	Yes, Interview. (Telephone, Internet (skype \cdot google		
	Review	meet), or face to face interview)		
		(Applicants who performed well in the preliminary		
		department review shall be selected for the second review.		
		The department shall notify applicants of relevant second		
		review information).		
Additional		-		
Requireme	ent			
		Department/Institute Information		
Departmen		1. This Graduate Program focuses on the study of ethnic		
Profile		identity, which plays an active new role in the new		
		context of globalization. We encourage students to		
		explore various concepts of ethnicity in relation to		
		theories of social sciences.		
		2. This Graduate Program is known for its cross-		
		disciplinary advantages of humanities and social		
		sciences, offering diversified research approaches to		
		ethnicity on local, national and global levels.		
		The faculty of this Graduate Program have common		
		research areas about Taiwan, South East Asia and China,		
		with subjects in anthropology, sociology, cultural heritage,		
		history and literature.		
Program Curriculum		http://hs.nctu.edu.tw/english graduate/course information		
110grain C	. GIII VUI UIIII	http://homotatouronghon_gradatte/course_information		

Career and Future Map	http://hs.nctu.edu.tw/kuan1_i5/pi7_giap8_sing1_huat4_tia		
	n2		
Website	http://hs.nctu.edu.tw/english		
Contact information	Administration Staff		
	Name Ya-Pin Teng		
	Telephone +886-3-5131394		
	Fax +886-3-6580677		
	Email seveniceice@mail.nctu.edu.tw		

Master Program of Department of Communication and Technology

	Degree Program	Group	
Spring	Master		
Language of Instruction	Mainly taught in Chinese		
	Application Regulat	ions	
Department Restrictions	-		
Academic Grade Criteria	-		
Academic Grade Criteria Required Documents	processed if any of documents is mis Admissions app Study plan Certificate of his (certified translate certificate is not transcripts of his (including desert GPA, class or set translation is receis not issued in late. Two letters of reservoir Proof of English The English language meet the following meet the foll	ghest educational level ation is required if the original rissued in English or Chinese) ighest educational level ription of the grading system, chool ranking. Certified quired if the original transcript English or Chinese ecommendation In language proficiency re proficiency of applicants must minimum requirement: T173/ iBT73, IELTS 5.5 al ability (proof of scholarship of bank deposit, to be submitted	

I			2.54		
			of Chinese language proficiency		
		3. Documents required by the department/institute			
		• Statem	ent of Purpose (Written in Chinese)		
		• Proof o	of Chinese Language Proficiency.		
Selection	Preliminary	Application material review: Comprehensive review			
Method	Review	of the application materials submitted by the			
		applicants.			
	Second	Interview (p	hone, skype)		
	Review	Applicants v	who performed well in the preliminary		
		department	review shall be selected for the second		
		review. The	department shall notify applicants of		
		relevant sec	ond review information.		
Additiona	Requirement	-			
	Dep	artment/Inst	itute Information		
Department/Institute		The Master Program provided by the Department of			
Profile		Communication and Technology is the only master			
		program, among the similar programs in Taiwan,			
		focuses on the combination of the knowledge of			
		communication technology and the practical skills in			
		the age of digital media. The Program aims to train			
			professionals and innovators in the area of		
		communicat	tions by emphasizing on conducting		
		research, doing media project and media internship.			
		The Department has abundant resources and			
		advanced facilities including a state-of-the-art			
		Virtual Studio, an on-line radio, digital media			
		creation and research labs, and a qualitative media			
		culture lab. In addition, the Department provides			
		opportunities and grants to encourage students to			
		make academic visit abroad to our partner schools in			
			the US, the Netherlands, Japan, South Korea and the		
		UK etc			
Program Curriculum		https://dcat.nctu.edu.tw/en/			
Career and Future Map		https://dcat.nctu.edu.tw/en/			
Website		https://dcat.nctu.edu.tw/en/			
Contact information		Administration Staff			
		Name	Hui-Mei Chung		
		Telephone	+886-3-5131513		
L		1	<u> </u>		

Fax	+886-3-5509658
Email	yu9905@g2.nctu.edu.tw

School of Law

Institute of Technology of Law

Intake	Degree Program	Group		
Spring	Master			
	Doctor			
Language of Instruction	Sufficiently taught in English to satisfy graduation			
	requirements (not requ	ired to take courses taught in		
	Chinese)			
	Application Regulat	ions		
Department	Master of Laws: Bache	elor's degree in law		
Restrictions	Ph.D.: Bachelor's or M	Master's degree in law		
Academic Grade	-			
Criteria				
Required Documents	1. Required documen	ts (Application shall not be		
	processed if any of	the following required		
	documents is missi	ing):		
	 Admissions appli 	cation form		
	Study Plan (include)	ding the reasons to choose		
	NCTU Law)			
	_	nest educational level (certified		
	translation is requ	aired if the original certificate is		
	not issued in Engl	lish or Chinese)		
	 Transcripts of hig 	hest educational level		
	`	otion of the grading system,		
	·	ool ranking. Certified		
	translation is requ	aired if the original transcript is		
	not issued in Engl	lish or Chinese		
	• Two letters of rec	ommendation		
	Proof of English 1	language proficiency		
	The English language	proficiency of applicants must		
	meet the following min	•		
	◆ TOEFL iBT83, IF	ELTS 6.0, TOEIC 800Financial		
	-	of scholarship award or proof of		
	bank deposit, to b	e submitted during		
	registration).			
	Passport or other	proof of nationality		
	◆ Taiwan Alien Res	ident Certificate (ARC, if any)		

1		
		• Applicants for doctoral programs must upload their master's thesis. Graduating master's students who are applying for doctoral programs must upload an outline of their master's thesis.
		2. Other supporting documents:
		Proof of Chinese language proficiency
		3. Documents required by the department/institute
		Required Document:
		Personal Statement
		Research Proposal (For Ph.D. applications.
		Please at least indicate the problem awareness,
		the importance of the topic, literature review, and
		research method)
Selection	Preliminary	Application material review: Comprehensive review
Method	Review	of the application materials submitted by the
		applicants.
		Evaluation items: Academic Performance, Research
		Potential, Language Proficiency
	Second	Yes, video conference interview may be conducted if
	Review	necessary.
		Applicants who performed well in the preliminary
		department review shall be selected for the second
		review. The department shall notify applicants of
		relevant second review information.
Additiona	Requirement	-
	De	epartment/Institute Information
Departmen	nt/Institute	NCTU Law was established in year 2000. Our law
Profile		school is one of the most sought-after resources by both
		public and private sectors in Taiwan. The excellence
		and reputation of our law school has achieved in the
		past decade is unsurpassed by any other institutes
		across the nation. The 2020 QS World Law School
		Ranking ranks NCTU Law as top second law school in
		Taiwan. Our full-time faculty members are
		enthusiastic. They hold doctorate degrees from
		distinguished universities around the world. We also
		have more than 30 adjunct faculty members consist of
		experienced judges, prosecutors, attorneys and

	1		
	entrepreneurs. Together, they provide a full-spect learning opportunity for our students. Every year offer many courses taught in English. Our curricu cover all basic American law courses and students advanced courses. Many alumni work in the Unstates, Hong Kong, or other countries around the work the expertise of our current faculty members included and the expertise of our current faculty members in current faculty members in current faculty members in current faculty members in current faculty members in current faculty members in current faculty members in current faculty members in current faculty members in current faculty members in current faculty members in current faculty members in current fa		
	Justice		
	Biotech and Health Law		
	Tra	nsnational Law and International	
	Negotiation		
	■ Information and Communication Law		
Program Curriculum	Master of Laws: 28 Credits		
	• Required (6):Courses assigned by the Master		
	advisor		
		's Dissertation (1): Students are required	
	-	uce a Master's dissertation in English or	
	in Chir		
	Selective		
	Ph.D.: 20 C		
		ed (6): courses assigned by the SJD	
	advisor	Dissertation (4): Students are required to	
		e a doctoral dissertation in English or in	
	Chines	<u> </u>	
Career and Future Map	 Selective (10) Lawyer, In-house Counsel, Judge and Prosecutor 		
Website	http://nctulaw.blog.nctu.edu.tw/		
Contact information	-	Administration Staff	
	Name	Ph.D.: Cheng, Yu-Pei /	
		Master of Laws: Hsu, Li-Wen	
	Telephone	+886-3-5131587	
	Fax	+886-3-5733037	
	Email	Ph.D. andrea@g2.nctu.edu.tw /	

	Master of Laws
	jca888@g2.nctu.edu.tw