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## I ABOUT PROGRAM

### Faculty List (Total of 64 members: 35 from Academia Sinica and 14 from NTNU, 15 from THU)

Name	Office	E-mail
<b>Biodiversity Research Center, Academia Sinica</b>		
<b>Wen Hsiung Li</b> (李文雄)	Interdisciplinary Research Building 2787-2256	whli@gate.sinica.edu.tw
<b>Shu-Miaw Chaw</b> (趙淑妙)	Interdisciplinary Research Building 2787-1155	smchaw@sinica.edu.tw
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<b>Jen-Pan Huang</b> (黃仁磐)	Interdisciplinary Research Building 2787-2292	jphuang@sinica.edu.tw
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<b>Agricultural Biotechnology Research Center, Academia Sinica</b>		
<b>Lie-Fen Shyur</b> (徐麗芬)	2787-2102	jaclyn@gate.sinica.edu.tw
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<b>Genomics Research Center, Academia Sinica</b>		
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<b>Institute of Cellular and Organismic Biology, Academia Sinica</b>		

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<b>Institute of Chemistry, Academia Sinica</b>		
<b>Steven S.-F. Yu</b> (俞聖法)	2789-8650	sfyu@chem.sinica.edu.tw
<b>Institute of Plant and Microbial Biology, Academia Sinica</b>		
<b>Chih-Horng Kuo</b> (郭志鴻)	2787-1127	chk@gate.sinica.edu.tw
<b>Chuan Ku</b> (顧銓)	2787-1059	chuanku@gate.sinica.edu.tw
<b>Institute of Statistical Science, Academia Sinica</b>		
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<b>Institute of Molecular Biology, Academia Sinica</b>		
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<b>Si-Min Lin</b> (林思民)	7749-6246	fish@ntnu.edu.tw
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<b>Tunghai University</b>		
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<b>Yeong-Choy Kam</b> (關永才)	04-2359-0121 ext.32416	biyckam@thu.edu.tw
<b>Hui-Chen Lin</b> (林惠真)	04-2359-0121 ext.32418, 32419	hclin@thu.edu.tw
<b>Yiching Lin</b> (林宜靜)	04-2359-0121 ext.32406	yichingtree@gmail.com
<b>Shao-Lun (Allen) Liu</b> (劉少倫)	04-2359-0121 ext. 32414	shaolunliu@gmail.com
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## Administration

### Program Directors

Dr. John Wang  
 Prof. Chi-Chien Kuo  
 Prof. Jyh-Min Chiang

## Committees

### Admission Committee

Dr. Sheng-Feng Shen (Chair)  
 Dr. Jr-Kai Yu  
 Dr. Chih-Ming Hung  
 Prof. Shou-Hsien Li (Chair)  
 Prof. Chi-Chien Kuo  
 Prof. Pei-Chun Liao  
 Prof. Shao-Lun Liu (Chair)  
 Prof. Chung-Te Chang  
 Prof. Kuo-Chang Wen

**Curriculum Committee**

Dr. John Wang (Chair)

Dr. Benny K.K. Chan

Dr. Ryuji Machida

Prof. Pei-Jen Lee Shaner (Chair)

Prof. Li-Yih Lin

Prof. Si-Min Lin

Prof. Yiching Lin (Chair)

Prof. Pi-Han Wang

Prof. Mingli Hsieh

**Student Affairs Committee**

Dr. Jen-Pan Huang (Chair)

Dr. Yin-Ru Chiang

Dr. Mao-Ning Tuanmu

Prof. Chung-Chi Chen (Chair)

Prof. Teng-Chiu Lin

Prof. Chi-Chien Kuo

Prof. Yeong-Choy Kam (Chair)

Prof. Jyh-Min Chiang

Prof. Yi-Wen Liu

**Program Office Secretary**

Ms. Vanessa Chen

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TIGP-BIODIV Program Guidelines for Good Practice in Graduate Education			
<i><b>It is essential and important that GRADUATE STUDENTS should :</b></i>	<i><b>FACULTY ADVISOR, on the other hand, should:</b></i>		
<b>1</b>	Conduct themselves in a mature, professional, and civil manner in all interactions with faculty and staff.	<b>1</b>	Interact with students in a professional and civil manner in accordance with University policies governing nondiscrimination and sexual harassment.
<b>2</b>	Recognize that the faculty advisor provides the intellectual and instructional environment.	<b>2</b>	Impartially evaluate student performance regardless of religion, race, gender, sexual orientation, or nationality.
<b>3</b>	Take initiative in learning and in research and exercise the highest integrity in examinations and in collecting, analyzing and presenting research data.	<b>3</b>	Have a clear understanding with graduate students about their specific research responsibilities for completion of dissertation.
<b>4</b>	Devote an appropriate amount of time and energy toward achieving academic excellence in order to earn the degree.	<b>4</b>	Evaluate student's work in a timely manner.
<b>5</b>	Communicate regularly with faculty advisors, especially in matters related to research and progress within the graduate program.	<b>5</b>	Have responsibility for monitoring the accuracy, validity, and integrity of the student's research and assist graduate students to develop grant writing skills.
<b>6</b>	Recognize that one faculty member may not be able to satisfy all of a student's mentoring needs. Seek assistance from multiple individuals/organizations to fulfill the learning and training described above.	<b>6</b>	Acknowledge student's contributions to research presented at conferences, in professional publications, or in applications for copyrights and patents.
<b>7</b>	Maintain the confidentiality of professional activities and research prior to presentation or publication.	<b>7</b>	Create an ethos of collegiality and high standard of research ethics.
<b>8</b>	Acknowledge the contributions of the faculty advisor and other members of the research team to your work in all publications and conference presentations.	<b>8</b>	Prepare the students to be competitive for employment and for making use of professional contacts for the benefit of the students.
<b>9</b>	Recognize that faculty members have broad discretion to allocate their own time and other resources in ways which are academically productive.	<b>9</b>	Faculty should be aware of NOT: Imposing themselves from conflict of interest. Impeding a graduate student's progress toward the degree in order to benefit from the student's proficiency. Requesting students to do personal work.
The guidelines were adopted from University of Oregon and University of California, Davis which will be reviewed by Curriculum Committee. It is intended to provide faculty/students to build up a constructive and instructive relationship during the thesis research at TIGP-BIODIV program.			

## II DEGREE REQUIREMENTS

In order to earn a Ph.D. degree in TIGP-BIODIV Program, the student must complete and meet the criteria stated below within 2 to 7 years.

- Completion of coursework and meeting the minimum credit requirement. 18 credits of course work is required for students with M.S. degree or those who have worked in related research field for at least five years after obtaining B.S. degree. National Taiwan Normal University (NTNU) and Tunghai University (THU) reserves the right to make the final decision on the student's qualification, and 18 credit units for students with B.S. degree.
- Pass the Preliminary Exam and Thesis Proposal Oral Defense in time.
- Complete annual progress reports in time.
- Publish the research results, conducted during the study at TIGP BIODIV Program, or have manuscript(s) accepted by SCI journal(s).

A student should meet at least one of the following conditions: The student must be the first author or the corresponding author of either (1) one paper with an Impact Factor (IF) higher than 3.5, or (2) one paper in a journal ranked in the top 15% in the field, or (3) more than one SCI paper. IF is the 5-year average IF for the journal. To publish research results, a student should acknowledge the support of TIGP and the affiliated institution(s) by denoting the authorship as follows:

- (1) Biodiversity Program, Taiwan International Graduate Program, Academia Sinica and National Taiwan Normal University or Tunghai University
- (2) Department of Life Science, National Taiwan Normal University or Department of Life Science, Tunghai University
- (3) The primary affiliation of the Thesis Advisor

- Prepare a thesis in English.
- Consent of the Thesis Examination Committee to proceed with the thesis defense.
- Pass the thesis defense.

### Course Work

- Each student is required to complete 12 credits of required course work, at least 6 credits of elective course work of the Biodiversity Program.
- For students with a Master's degree or t

### Credit Transfer

A new student who has previously completed graduate school coursework with a grade of 70 or

higher at another domestic or international college or university within five years of admission can request to have a credit transfer. Only extra credits of elective courses offered in English to PhD students other than requested by the previous study can be transferred. One of the following conditions should be met:

- course with an identical title and similar contents (transcript required)
- course with a similar title and contents (transcript, the course outline, syllabus or textbook used need to be provided)
- Take and pass an oral or written exam in time.

Requests for credit transfer should be submitted to the Curriculum Committee and the course instructor by the end of the Add/Drop period of the first semester after enrolling in the Program. It should be approved by the Curriculum Committee and the course instructor. The total number of transferred credits should not exceed 1/3 of the total elective credits required by the Program for graduation. Credits for required courses cannot be transferred. (NTNU & THU reserves the right to make the final decision on the credit transfer.

### **Lab Rotations**

A student should rotate through 2 (at least) or 4 (at most) different laboratories in two semesters. There are two 9-week rotation units in a semester. A failed rotation should be retaken by the following semester.

### **Thesis Advisor**

A student is required to identify a Thesis Advisor by the end of second semester (by 6/30). The identification of the Thesis Advisor must be approved by the Curriculum Committee.

### **Thesis Advisory Committee**

A student should propose, with the help of the Thesis Advisor, the Thesis Advisory Committee within one month after the student identifies the Thesis Advisor. The committee should consist of at least five members, including the Thesis Advisor, and at least one committee member not affiliated with Academia Sinica or National Taiwan Normal University (for NTNU students) /Tunghai University (for THU student). The Thesis Advisory Committee should be approved by the Curriculum Committee. The Thesis Advisory Committee shall meet at least once every six months for the progress report of the student. The Committee evaluates the progress and advises on current research problems and the future direction of the project.

### **Qualification Examination**

The Qualification examination consists of two stages, Preliminary Examination and Thesis Proposal Oral Defense.



## Time Table:

Content	Deadline	
Preliminary Exam	by the end of second semester (see details below)	Only one make-up examination allowed.
Thesis proposal Oral defense	by the end of the fourth semester (see details below)	

**Pre-proposal**

The Pre-proposal shall include: (1) a tentative title, (2) a brief description of background and motivation and (3) tentative specific aims. The pre-proposal shall be at least two A4 pages.

**Preliminary Examination**

A student must demonstrate his/her knowledge of biodiversity fundamentals and a potential for research by passing an oral examination. This Preliminary Examination must be taken before the end of the second semester. For those who fail, only one additional attempt will be allowed and must be passed by the end of the third semester. The format and rules of the examination will be determined by the Academic Affairs Committee.

**Preliminary Proposal**

The Preliminary Proposal shall include (1) a tentative title, (2) background and motivations, (3) tentative specific aims, (4) significance and (5) approach and methods.

**Thesis Proposal and Oral Defense**

A student shall provide the Program Office with a near-final copy of the full thesis proposal to be defended and take oral defense before the end of the fourth semester. For those who fail, only one additional attempt will be allowed and must be passed by the end of the fifth semester. The written proposal shall not exceed 20 double-spaced pages including tables, figures, and figure legends; the references can be excluded from the page limit.

**The Thesis Proposal Examination Committee** shall include at least five experts in fields relevant to the thesis research, including at least one committee member not affiliated with Academia Sinica National Taiwan Normal University (for NTNU students)/Tunghai University (for THU student). The Exam Committee must have at least 2 members not on the Thesis Advisory Committee. These 2 members can be "replacements" or "in-addition". The Thesis Proposal Examination Committee must be approved by the Curriculum Committee.

**Progress Report**

After passing the full thesis proposal and oral defense, a student must submit a progress report to the Thesis Advisory Committee by the end of each academic year (July 31st). The progress report and the progress report record signed by the Thesis Advisory Committee should be submitted to the Program Office.

## Thesis Defense

Prior to application for thesis defense, a TIGP-BIODIV student should have research result(s) published or manuscript(s) accepted by a SCI journal. A student should meet at least one of the following conditions: the first author or the corresponding author of one paper with Impact Factor higher than 3.5 or in a journal ranked at the top 15% in the field, or more than one paper.. If there is any application that does not meet the above criterion, both the student and the Thesis Advisor have to provide additional statements to the Curriculum Committee for discussion, and if, needed external review. The reviewers shall be recommended by the Curriculum Committee. The Curriculum Committee shall make the final decision after receiving the review comments. See details in “Guidelines for Qualifying Examinations” (page 25)

## Student Status and Degree Conferral Policy

Degree candidates in the Biodiversity Program must be officially registered students of the TIGP Biodiversity Program of the National Taiwan Normal University or Tunghai University. Upon graduation, a student will be conferred a Ph.D. degree and will receive a diploma from the National Taiwan Normal University or Tunghai University as well as a certificate from the Academia Sinica.

### Study Schedule for TIGP-BIODIV Program

Year		Time to Complete	Task/Exam
1 <sup>st</sup>	Fall	October 30	Complete NTNU on-line Research Ethic Course (for NTNU students)
	Spring	June 30	Submit Thesis Advisor Record
		July 31	1. → Submit Thesis Advisory Committee 2. → Take Preliminary Examination
2 <sup>nd</sup>	Fall	January 31	Pass Preliminary Examination
	Spring	July 31	Take Thesis Proposal Oral Defense
3 <sup>rd</sup>	Fall	January 31	Pass Thesis Proposal Oral Defense
3 <sup>rd</sup> and beyond		July 31, once every academic year	Progress Report with Thesis Advisory Committee
Degree Examination		Apply before November 10/ April 10	Pass Degree Examination before the end of the 7 <sup>th</sup> year (14 <sup>th</sup> semester)

### III CURRICULUM

The BIODIV PhD program requires successful completion of 18 credits (see requirements), Qualification Exam and thesis research. The maximal length of study in this PhD program is 7 years. In addition, BIODIV students may take any course offered in English by other Programs in TIGP and by NTNU or THU under the approval of the thesis advisor.

#### TIGP-BIODIV Program Course Map

##### Required Courses (12 credits)

Population Genetics and Evolution (A) (3)	Ecology and Conservation (3)	Lab Rotation (1) x2	Seminar (1) x4
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##### Elective Courses ( $\geq 6$ credits)

Evolution and Genetic Diversity	Species Diversity	Ecosystem Biodiversity and Environmental Changes	General Interest
Molecular Evolution (3)	Behavior Ecology (3)	Ecology Masterclass at Taiwan (3)	Biostatistics (3)
Ecological and Evolutionary Genomics (3)	Biodiversity (3)	Marine Ecosystems (3)	Advanced Seminar (1)
Omic approaches in Ecology (3)	Systematics (3)	Conservation Biology (3)	Writing and Presentation of Biological (3)
Molecular phylogeny (3)	Microbial Ecology and Diversity (3)	Disease Ecology (3)	Geospatial information technology and analysis (3)
Advanced Bioinformatics(3)	Advanced Microbiology(3)	Biogeography (3)	Ecological statistics (3)
		Biological Modeling (3)	
		Ecosystem Ecology(3)	
		Estuary Ecology (3)	

**Minimum number of credits for Graduation:  
18 for those with an B.S. degree or M.S. degree before enrolling**

- The **educational objective** of the TIGP-BIODIV program is to cultivate Taiwanese and international scientists with the aim to promote innovation and quality of research in biodiversity.
- On successfully completing the program, students shall possess all six of the following **core competences**:
  1. To have the professional knowledge required for designing and conducting research in life sciences.
  2. To be able to apply modern techniques to solve diverse scientific questions in life sciences.
  3. To be able to analyze experimental data rigorously, draw appropriate conclusions and publish results in scientific journals.
  4. To have a proper attitude toward scientific research and to adhere to scientific ethical standards.
  5. To appreciate the beauty of life and to recognize the importance of life science to the survival of humanity and the sustainability of our planet.
  6. To equip with international academic vision and show the ability of international competitiveness on professional performance.

**Course Offering in 2024-2025****2024 Fall Semester**

Place might change

Course	Class Hour	Place	Organizers
Population Genetics and Evolution [3] [Req]	Thu 14:00-16:00	B204, 2F, Interdisciplinary Building, Academia Sinica (BRC Building)	John Wang Ko-Hsuan Chen Shou-Hsien Li
Lab Rotations [1] [Req]	Refer to Instructors' labs	Instructors' labs	lab instructor
Seminar [1] [Req]	Wed 10:20-11:30	B208, 2F, Interdisciplinary Building, Academia Sinica (BRC Building)	Hui-Yu Wang
Biodiversity	Wed 14:00-17:00	B208, 2F, Interdisciplinary Building, Academia Sinica (BRC Building)	Kuo-Fang Chung
Diversity and Evolution of Eukaryotes [3][Elec]	Fri 12:20-14:10	302, 3F, Gongtong Lecture Building, NTU campus	Chuan Ku

**2024 Spring Semester**

\*Elective courses might change

Course	Class Hour	Place	Organizers
Ecology and Conservation [3] [R]	Mon 14:20- 17:20	1. NTNU S307, Research Building NTNU Gongguan Campus 2.B208, 2F, Interdisciplinary Building, Academia Sinica (BRC Building)	Chung-Chi Chen Teng-Chiu Lin
Lab Rotations [1] [R]	Refer to Instructors' labs	Instructors' labs	lab instructor
Seminar [1] [R]	Wed 10:20- 11:10	B208, 2F, Interdisciplinary Building, Academia Sinica (BRC Building)	Ko-Hsuan Chen
Advanced Microbiology [3][Elec]	Tue 14:00-17:00	A236, Agricultural Biotechnology Building, Academia Sinica	Chih-Horng Kuo
Geospatial information technology and analysis[3][Elec]	Tue 14:00-17:00	B204, Interdisciplinary Building, Academia Sinica (BRC Building)	Chung-Te Chang

**Academia Sinica Laboratory Safety Training Course (09:00am, Sept.21, 2024; Venue: 1st Conference Room, 2nd Floor, Activity Center, Academia Sinica)** is also one of the required courses for each new TIGP student. A student must take it before doing the experiments in the labs of Academia Sinica.

**TIGP Ethics Course (09:00am, Oct. 5, 2024; Venue : B1C Hall, Institute of Biomedical Sciences, Academia Sinica)**

The speaker for TIGP Ethics course is well known for his compelling teaching skills, for which he has received several teaching awards, a rare feat for a non-native scholar in the States. After returning to Taiwan and work at the Genomics Research Center, Academia Sinica.

TIGP Ethics Course is required for each new TIGP student at Academia Sinica. After completing TIGP Ethics Course at first year, if a student continues to receive the salary from Academia Sinica at the 4th year has to take at least one-hour Ethics Course every 3 years. The Ethics Course will be arranged by Academia Sinica regularly, or the student can take the online Ethics Course through SSO system of Academia Sinica.

### **NTNU Research Ethics Education Courses (for NTNU students only)**

In order to sensitize students to Research Ethics issue and recognize the ethical norms for the academic study and research, each TIGP Biodiversity Program student is required by the university to take Research Ethics Education online courses offered by NTNU.

The student must complete the online course, and pass the online test before Oct.30, 2024. For online course and Guide, available in Chinese and English, please visit: <https://ethics.moe.edu.tw/>

### **TIGP Chinese Language Class**

To help TIGP students' daily communication with the local people, international students are required to take one-year course of Elementary Chinese. A student who wishes to wave the Chinese class can take a waiver test with the teacher before the class.

### **TIGP Autumn Elementary Chinese class regulations (by TIGP)**

1. After you registered for your class, you are not allowed to change/switch to another class during the semester. The teachers and the course schedule are totally different. If students change/switch their classes, they will be recorded absence.
2. There are total 18 classes (weeks) of the Elementary Chinese class every semester, **you are required to attend more than 15 classes (weeks)** in order to pass the class for the semester. If you did not attend more than 15 classes (weeks), you will be Failed and you are required to re-take the same level of class again next year. If you are planning to go back to your country/ go to other cities and miss more than 3 weeks of classes during this semester, you are required to re-take the same level of Elementary Chinese class again next year.
3. **Any reason for absences will not be accepted.**  
If you miss 1 class (week), you will lose 5 points from your final grade; if you miss 2 classes (weeks), you will lose 10 points from your final grade; if you miss 3 classes (weeks), you will lose 20 points from your final grade; if you miss more than 4 classes, you will lose 40 points and you are required to re-take the same level of the Chinese class again next year.
4. **To pass the Autumn Elementary Chinese class, you need to get at least 70 on your final grade. If you fail, you need to re-take the same level of Chinese class again next year.**

You cannot switch classes without informing TIGP assistant, Michael Chou. Students who do not inform TIGP office before switching classes will be recorded absence.

-A student can only take the waive test in the Fall semester of your first year on the time arranged by the teachers. If you want to take the waive test, please contact Michael Chou in advance, the contact number and e-mail are listed as below.

**The Chinese class schedule is as below:**

<b>Class</b>	<b>First class</b>	<b>Time</b>	<b>Classroom</b>	<b>Duration</b>	<b>Waive test</b>
Tuesday	Sept 10	18:30~21:30	Room 207, 2F TIGP Building,	16 weeks	Sept 10, 17:30pm
Wednesday	Sept 11	18:30~21:30			Sept.11, 17:30pm

TIGP Elementary Chinese Class Contact Person:

Michael Chou

Email: [heimer33@gate.sinica.edu.tw](mailto:heimer33@gate.sinica.edu.tw)

Tel: 886-2-2787-1406

## IV REGULATIONS & GUIDELINES

**國立臺灣師範大學生命科學系與中央研究院生物多樣性研究中心  
辦理生物多樣性國際研究生博士學位學程修業暨研究生學位考試規定  
Graduate Degree Exam Regulations for the TIGP Biodiversity Program,  
Biodiversity Research Center, Academia Sinica and  
Department of Life Science, National Taiwan Normal University**

**110年（含）以後入學研究生適用  
[For the Students Enrolled in and after 2021]**

103年7月28日學程事務會議制訂  
103年9月16日課程委員會議修訂  
103年10月6日學程事務會議修正通過  
103年10月9日系務會議通過  
105年9月26日學程事務會議修正通過  
105年11月3日系務會議通過  
107年1月30日學程課程委員會議修訂  
107年2月21日學程事務會議修正通過  
109年1月16日學程事務會議暨課程委員會聯席會議通過  
109年3月6日108學年度生命科學專業學院院務會議第3次會議通過  
109年3月19日108學年度理學院課程會議第2次會議通過  
109年4月22日108學年度第2次教務會議修正通過  
110年1月27日學程事務會議修訂  
110年3月31日學程事務會議暨課程委員會聯席會議通過

Approved by the Program Academic Affairs Committee Meeting on July 28, 2014  
Amended by the Department Curriculum Committee Meeting on September 16, 2014  
Amended by the Program Academic Affairs Committee Meeting on October 6, 2014  
Approved by Department Meeting on October 9, 2014  
Amended by the Program Academic Affairs Committee Meeting on September 26, 2016  
Approved by Department Meeting on November 3, 2016  
Amended by the Program Curriculum Committee Meeting on January 30, 2018  
Approved by the Program Academic Affairs Committee Meeting on February 21, 2018  
Approved by the Program Academic Affairs and Curriculum Committee Meeting on January 16, 2020  
Approved by Department Meeting on March 6, 2020  
Approved by the College Affairs Meeting on March 16, 2020  
Approved by the 2<sup>nd</sup> College Curriculum Committee Meeting on March 19, 2020  
Approved by the 2<sup>nd</sup> Academic Affairs Meeting on April 22, 2020  
Amended by Program Affairs Committee Meeting on January 27, 2021  
Approved by the Program Affairs and Curriculum Committee Meeting on March 31, 2021

一、本規定依國立臺灣師範大學學位授予暨研究生學位考試辦法訂定。

The regulations herein have been established in accordance with the National Taiwan Normal University (NTNU) Degree Conferral and Graduate Degree Exam Regulations.

二、本學程依教育部核定為「生物多樣性國際研究生博士學位學程」(以下簡稱本學程)，英文為「Taiwan International Graduate Program on Biodiversity」。授予之學位名稱為理學博士，英文為Doctor of Philosophy(Ph. D.)。

三、指導教授及論文指導委員會

Thesis Advisor and Thesis Advisory Committee

1. 研究生應於第一學年結束前之一個月（6月30日前），就本學程師資之中（教授、副教授、特聘研究員、研究員、副研究員）選定指導老師，研究生選定之指導教授若為助理教授或助研究員，由課程委員會議審定。研究生選定指導教授之前，由課程委員會輔導學生修業事宜。

A student is required to identify a Thesis Advisor from within the Program faculty (professor, associate professor, assistant professor, distinguished research fellow, research fellow, associate research fellow

and assistant research fellow); in the case of assistant research fellow or assistant professor, the qualification of the identified advisor shall be reviewed by the Curriculum Committee. Before a thesis advisor is identified, students will be supervised by the Curriculum Committee.

2. 研究生應於確定指導老師之後一個月內（7月31日前）提出論文指導委員名單，提交課程委員會核定。論文指導委員會由至少五位委員組成，包含指導老師以及至少一位非中央研究院、非國立臺灣師範大學之研究人員或教師。論文指導委員若為助理教授或助研究員身份，需由課程委員會審定。

Within one month of identifying a Thesis Advisor (and no later than July 31), a student shall propose, with the help of the Thesis Advisor, the composition of the Thesis Advisory Committee, which shall then be submitted to the Curriculum Committee for further approval. The Thesis Advisory Committee shall consist of at least five members (including the Thesis Advisor and at least one committee member who is not affiliated with Academia Sinica or NTNU). The qualification of an assistant research fellow or assistant professor serving on the Thesis Advisory Committee shall be reviewed by the Curriculum Committee.

3. 通過論文提案口試之研究生，應於每學年結束前（7月31日）舉行至少一次進度報告直至畢業，此進度報告由該生之論文指導委員會審核並建議未來研究方向與進展。

The student, who has passed the Thesis Proposal Oral Defense, should call a progress report meeting at least once before the end of each academic year (July 31) until the graduation; the Thesis Advisory Committee shall evaluate the progress, and advise on current research problems and the future direction of the student's project.

#### 四、課程及修業

##### Course and Degree Requirements

1. 本學程修業年限為兩年至最多至七年。本學程課程皆為英文授課，博士學位候選人資格考試、論文撰寫與學位考試皆使用英文。

The period of study within the Program shall be no less than 2 and no more than 7 years. All course lectures, qualifying examinations and theses are conducted in English.

2. 學生於在學期間至少應修畢 18 學分，其中包含本系所訂定之必修、必選等科目，修業科目表如附表。

A student shall complete at least 18 credits during the period of study from the required and elective courses offered by the Program as listed in the appendix.

3. 本學程得招收僅具學士學位之學生，須先修讀碩士班，其招生入學系所為國立臺灣師範大學生命科學系，並依其「學生逕修讀博士學位作業要點」申請逕修讀本博士學位學程，最低畢業學分為 18 學分（含碩士班可採計之學分）；以碩士學位或同等學力修讀博士學位者，最低畢業學分 18 學分。

An applicant with only a B.S. degree may be considered for admission and be enrolled first as a M.S. student in the Department of Life Science, NTNU, with an option for direct admission to the PhD Program (TIGP Biodiversity Program) at a later date according to the relevant regulations; students in this category shall follow the Program's rules to complete at least 18 credits during the period of study from the required and elective courses offered by the Program as listed in the appendix (The credits completed during the period of M.S. study shall be counted toward this credit requirement), and will require a minimum of 18 credits for graduation.

#### 五、資格考試



## Qualifying Examination

1. 本學程博士學位候選人資格考分為「初試」與「論文提案口試」。

The Qualifying Examination consists of two stages, Preliminary Examination and Thesis Proposal Oral Defense.

2. 相關規定依「國立臺灣師範大學生命科學系與中央研究院生物多樣性研究中心辦理生物多樣性國際研究生學程博士學位候選人資格考試實施要點」辦理。

The Qualifying Examination shall comply with the Guidelines for Qualifying Examinations in the TIGP Biodiversity Program, Biodiversity Research Center, Academia Sinica and Department of Life Science, National Taiwan Normal University.

## 六、學位考試

### Degree Examination

1. 博士學位考試依「國立臺灣師範大學學位授予暨研究生學位考試辦法」辦理。

The Degree Examination shall comply with the National Taiwan Normal University Degree Conferral and Graduate Degree Exam Regulations.

2. 研究生符合下列規定者，得申請博士學位考試：

Graduate students must satisfy all the following requirements before applying to take the PhD graduate degree examination:

- (1) 博士班修業滿三學期者，或係逕行修讀博士學位並已在博士班修業滿三學期者。  
Students must have completed 3 semester's study in the Program after being accepted as PhD students.
- (2) 修畢本學程規定之應修科目及畢業總學分數，並完成論文研究初稿。  
Students must have completed all compulsory courses and obtained all credits required by the Program.
- (3) 通過資格考者。  
Students must have passed the Qualifying Examination and completed a preliminary draft of thesis.
- (4) 於修業期間發表(1)一篇 Impact Factor 高於 3.5 之 SCI 期刊論文，或(2)發表一篇為所屬領域排名前 15%之 SCI 期刊論文(以申請畢業口試該年或期刊資料庫公佈之 5 年平均 IF 為計)；或(3)發表二篇以上 SCI 期刊之論文。期刊論文須有接受證明或已印出，且研究生須為第一作者(或通訊作者)。均須檢附相關證明資料提送審查。上述規定亦得適用於 109 學年(含)以前入學者。如有未符合以上條件之學位考試申請案，學生以及指導教授皆需檢附申請之聲明書送請學程課程委員會討論，如課程委員會認為需要送外審，外審之審查者由課程委員會推薦，待審查者提供審查意見後再決定是否通過該申請。  
Students must have had research result(s) published or manuscript(s) accepted by SCI journal(s). The student must be the first author or the corresponding author of either (1) one paper with an Impact Factor (IF) higher than 3.5, or (2) one paper in a journal ranked in the top 15% in the field, or (3) more than one SCI paper. IF is the 5-year average IF for the journal. Students need to provide the published paper(s) or the letter(s) of acceptance of the paper(s). The above criteria can also be applicable to the students who enrolled in and before 2020. If there is any application that does not meet the above criteria, both the student and the Thesis Advisor have to provide additional statements to the Curriculum Committee for discussion and, if needed, external review. The reviewers shall be recommended by the

Curriculum Committee. The Curriculum Committee shall make the final decision after receiving the review.

- (5) 研究生發表著作時，列名之合作單位應包含：國立臺灣師範大學生命科學系、中央研究院生物多樣性國際研究生博士學位學程及指導教授所屬單位。

When publishing the results of research that has been conducted during study in the Program, a student must acknowledge the support of TIGP and the affiliated institution(s) by denoting the authorship as follows: (1) Department of Life Science, National Taiwan Normal University, Taipei, Taiwan 11677; (2) Biodiversity Program, Taiwan International Graduate Program, Academia Sinica, Taipei, Taiwan 11529; and (3) the primary affiliation of the Thesis Advisor.

- (6) 如有未盡事宜，由學程事務委員會審議後辦理。

Any matters that are not addressed in these guidelines shall be reviewed and implemented after approval by the Academic Affairs Committee of the Program.

七、本規定未盡事宜，悉依教育部及本校學位授予暨研究生學位考試辦法及學則等相關規定辦理。

Any matters that are not addressed in these guidelines shall be governed by the relevant laws of Ministry of Education and the National Taiwan Normal University Degree Conferral and Graduate Degree Exam Regulations.

八、本修業規定涉學位授予等畢業條件之規定，經學程事務委員會、生命科學專業學院院務會議及學院相關會議通過後，送教務會議審議；其餘各項規定經學程事務委員會、生命科學專業學院院務會議通過後，送教務處備查，修正時亦同。

These guidelines have been approved and implemented by an Academic Affairs Meeting of the TIGP Biodiversity Program, the Department Meeting of the Department of Life Science, NTNU and related meetings of Academic Affairs, NTNU. A copy of these guidelines shall be forwarded to the Office of Academic Affairs, NTNU for examination. The other relevant regulations shall be forwarded to the Office of Academic Affairs, NTNU for further reference after the approval by the Academic Affairs Meeting of the TIGP Biodiversity Program and the Department Meeting of the Department of Life Science, NTNU. The same applies to all subsequent amendments.

## 附表：生物多樣性國際研究生博士學位學程修業科目

## TIGP-BIODIV Program Course

## 一、修習總學分數 Required credits

班別 Category	必修學分 Required Credits	選修學分 Elective Courses	畢業最低 總學分 Minimum number of credits for Graduation
博士班 Students with M.S. degree	12	6	18
逕讀博士班 Students with B.S. degree	12	6	18

## 二、必修課程 Required courses

	科目名稱 Course name	學分 Credit
博士班/逕讀博士班 Students with M.S. / B.S. degree	族群遺傳與演化 甲 Population Genetics and Evolution (A)	3
	生態與保育 Ecology and Conservation	3
	實驗室輪調學習 Lab Rotation	1x2
	專題討論 Seminar	1x4

## 三、選修課程領域 Elective courses Fields

	選修科目領域 Elective Courses Fields	最低選修學分 Minimum number of elected credits
博士班/逕讀博士班 Students with M.S. / B.S. degree	演化與遺傳多樣性 領域 Evolution and Genetic Diversity	6
	物種多樣性領域 Species Diversity	
	生態系統多樣性與環境變遷 領域 Ecosystem Biodiversity and Environmental Changes	
	跨領域 General Interest	

東海大學與中央研究院生物多樣性研究中心  
辦理生物多樣性國際研究生博士學位學程修業暨學位考試規定  
**Graduate Degree Exam Regulations for the TIGP Biodiversity Program,  
Biodiversity Research Center, Academia Sinica and Tunghai University**

**110年（含）以後入學研究生適用**  
**[For the Students Enrolled in and after 2021]**

109年8月12日學程事務會議暨課程委員會聯席會議通過  
Approved by the Program Academic Affairs and Curriculum Committee Meeting on August 12, 2020  
110年3月31日學程事務會議暨課程委員會聯席會議通過  
Approved by the Program Academic Affairs and Curriculum Committee Meeting on March 31, 2021

九、本規定依東海大學學則與東海大學研究生學位考試規則訂定。

The regulations herein have been established in accordance with the Tunghai University (THU) Academic Regulations and THU Regulations Regarding Graduate Degree Examination.

十、本學程依教育部核定為「生物多樣性國際研究生博士學位學程」（以下簡稱本學程），英文為「International Graduate Degree Program for Biodiversity」。授予之學位名稱為理學博士，英文為 Doctor of Philosophy (Ph. D.)。

十一、指導教授及論文指導委員會

Thesis Advisor and Thesis Advisory Committee

4. 研究生應於第一學年結束前之一個月（6月30日前），就本學程師資之中（教授、副教授、特聘研究員、研究員、副研究員）選定指導老師，研究生選定之指導教授若為助理教授或助研究員，由課程委員會審定。研究生選定指導教授之前，由課程委員會輔導學生修業事宜。

A student is required to identify a Thesis Advisor from within the Program faculty (professor, associate professor, assistant professor, distinguished research fellow, research fellow, associate research fellow and assistant research fellow); in the case of assistant research fellow or assistant professor, the qualification of the identified advisor shall be reviewed by the Curriculum Committee one month before the end of the first year (no later than June 30). Before a thesis advisor is identified, students will be supervised by the Curriculum Committee.

5. 研究生應於確定指導老師之後一個月內（7月31日前）提出論文指導委員名單，提交課程委員會核定。論文指導委員會由至少五位委員組成，包含指導老師以及至少一位非中央研究院、非東海大學之研究人員或教師。論文指導委員若為助理教授或助研究員身份，需由課程委員會審定。

Within one month of identifying a Thesis Advisor (and no later than July 31), a student shall propose, with the help of the Thesis Advisor, the composition of the Thesis Advisory Committee, which shall then be submitted to the Curriculum Committee for further approval. The Thesis Advisory Committee shall consist of at least five members (including the Thesis Advisor and at least one committee member who is not affiliated with Academia Sinica or THU). The qualification of an assistant research fellow or assistant professor serving on the Thesis Advisory Committee shall be reviewed by the Curriculum Committee.

6. 通過論文提案口試之研究生，應於每學年結束前（7月31日）舉行至少一次進度報告直至畢業，此進度報告由該生之論文指導委員會審核並建議未來研究方向與進展。

The student, who has passed the Thesis Proposal Oral Defense, should call a progress report meeting at least once before the end of each academic year (July 31) until the graduation; the Thesis Advisory Committee shall evaluate the progress, and advise on current research problems and the future direction of the student's project.

## 十二、 課程及修業

### Course and Degree Requirements

4. 本學程修業年限為兩年至最多至七年。本學程課程皆為英文授課，博士學位候選人資格考試、論文撰寫與學位考試皆使用英文。

The period of study within the Program shall be no less than 2 and no more than 7 years. All course lectures, qualifying examinations and theses are conducted in English.

5. 學生於在學期間至少應修畢 18 學分，其中包含本系所訂定之必修、必選等科目，修業科目表如附表。

A student shall complete at least 18 credits during the period of study from the required and elective courses offered by the Program as listed in the appendix.

6. 本學程得招收僅具學士學位之學生，最低畢業學分為 18 學分；以碩士學位或同等學力修讀博士學位者，最低畢業學分 18 學分。

An applicant with only a B.S. degree may be considered for direct admission to the PhD Program (TIGP Biodiversity Program) according to the relevant regulations; students in this category shall follow the Program's rules to complete at least 18 credits during the period of study from the required and elective courses offered by the Program as listed in the appendix, and will be required a minimum of 18 credits for graduation as well as an applicant with M.S. degree.

## 十三、 資格考試

### Qualifying Examination

3. 本學程博士學位候選人資格考分為「初試」與「論文提案口試」。

The Qualifying Examination consists of two stages, Preliminary Examination and Thesis Proposal Oral Defense.

4. 相關規定依「東海大學與中央研究院生物多樣性研究中心辦理生物多樣性國際研究生學程博士學位候選人資格考試實施要點」辦理。

The Qualifying Examination shall comply with the Guidelines for Qualifying Examinations in the TIGP Biodiversity Program, Biodiversity Research Center, Academia Sinica and Tunghai University.

## 十四、 學位考試

### Degree Examination

3. 博士學位考試依「東海大學研究生學位考試規則」辦理。

The Degree Examination shall comply with the THU Regulations Regarding Graduate Degree Examination.

4. 研究生符合下列規定者，得申請博士學位考試：

Graduate students must satisfy all the following requirements before applying to take the PhD graduate degree examination:

- (7) 博士班修業滿三學期者，或係逕行修讀博士學位並已在博士班修業滿三學期者。

Students must have completed 3 semester's study in the Program after being accepted as PhD students.

- (8) 修畢本學程規定之應修科目及畢業總學分數，並完成論文研究初稿。  
Students must have completed all compulsory courses and obtained all credits required by the Program.
- (9) 通過資格考者。  
Students must have passed the Qualifying Examination and completed a preliminary draft of thesis.
- (10) 於修業期間發表(1)一篇 Impact Factor 高於 3.5 之 SCI 期刊論文，或(2)發表一篇為所屬領域排名前 15%之 SCI 期刊論文(以申請畢業口試該年或期刊資料庫公佈之 5 年平均 IF 為計)；或(3)發表二篇以上 SCI 期刊之論文。期刊論文須有接受證明或已印出，且研究生須為第一作者(或通訊作者)。均須檢附相關證明資料提送審查。如有未符合以上條件之學位考試申請案，學生以及指導教授皆需檢附申請之聲明書送請學程課程委員會討論，如課程委員會認為需要送外審，外審之審查者由課程委員會推薦，待審查者提供審查意見後再決定是否通過該申請。  
Students must have had research result(s) published or manuscript(s) accepted by SCI journal(s). The student must be the first author or the corresponding author of either (1) one paper with an Impact Factor (IF) higher than 3.5, or (2) one paper in a journal ranked in the top 15% in the field, or (3) more than one SCI paper. IF is the 5-year average IF for the journal. Students need to provide the published paper(s) or the letter(s) of acceptance of the paper(s). If there is any application that does not meet the above criteria, both the student and the Thesis Advisor have to provide additional statements to the Curriculum Committee for discussion and, if needed, external review. The reviewers shall be recommended by the Curriculum Committee. The Curriculum Committee shall make the final decision after receiving the review.
- (11) 研究生發表著作時，列名之合作單位應包含：東海大學生物多樣性國際研究生博士學位學程、中央研究院生物多樣性國際研究生博士學位學程及指導教授所屬單位。  
When publishing the results of research that has been conducted during study in the Program, a student must acknowledge the support of TIGP and the affiliated institution(s) by denoting the authorship as follows: (1) International Graduate Degree Program for Biodiversity, Tunghai University, Taichung City, Taiwan, 40704; (2) Biodiversity Program, Taiwan International Graduate Program, Academia Sinica, Taipei, Taiwan 11529; and (3) the primary affiliation of the Thesis Advisor.
- (12) 如有未盡事宜，由學程事務委員會審議後辦理。  
Any matters that are not addressed in these guidelines shall be reviewed and implemented after approval by the Academic Affairs Committee of the Program.

十五、 本規定未盡事宜，悉依教育部及本校學位授予暨研究生學位考試辦法及學則等相關規定辦理。  
Any matters that are not addressed in these guidelines shall be governed by the relevant laws of Ministry of Education and the Tunghai University Degree Conferral and Graduate Degree Exam Regulations.

十六、 本規定經學程事務委員會、東海大學理學院院務會議通過後，送教務會議審議，修正時亦同。

These guidelines have been approved and implemented by an Academic Affairs Meeting of the TIGP Biodiversity Program and a Meeting of College of Life Science, THU. A copy of these guidelines shall

be forwarded to the Office of Academic Affairs, THU for further reference. The same applies to all subsequent amendments.

附表：生物多樣性國際研究生博士學位學程修業科目

**TIGP-BIODIV Program Course**

一、修習總學分數 **Required credits**

班別 Category	必修學分 Required Credits	選修學分 Elective Courses	畢業最低 總學分 Minimum number of credits for Graduation
博士班	12	6	18
Students with B.S. / M.S. degree	12	6	18

二、必修課程 **Required courses**

	科目名稱 Course name	學分 Credit
博士班 Students with M.S. / B.S. degree	族群遺傳與演化 甲 Population Genetics and Evolution (A)	3
	生態與保育 Ecology and Conservation	3
	實驗室輪調學習 Lab Rotation	1x2
	專題討論 Seminar	1x4

三、選修課程領域 **Elective courses Fields**

	選修科目領域 Elective Courses Fields	最低選修學分 Minimum number of elected credits
博士班 Students with M.S. / B.S. degree	演化與遺傳多樣性 領域 Evolution and Genetic Diversity	6
	物種多樣性領域 Species Diversity	
	生態系統多樣性與環境變遷 領域 Ecosystem Biodiversity and Environmental Changes	
	跨領域 General Interest	



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## **BIODIV Program Guideline for Lab Rotations**

### **Purpose**

The purpose of Lab Rotations is to help the first-year students choose a lab for conducting thesis research. A student must identify a Thesis Advisor by the end of the first summer or the studentship will be terminated.

### **Guidelines for Students**

1. A student must rotate through 2 to 4 different laboratories in two semesters. There are two 9-week rotation units in a semester. A student can select one lab for 18 weeks, or select two labs for 9 weeks respectively and 18 weeks in total each semester. The semester grade will be the average points from two lab rotations if a student stays in two labs.
2. Students shall spend enough time in the lab to understand the research project and approaches, to interact with lab members and the advisor, and to learn and carry out experiments.
3. If a student would like to select another lab in the second rotation unit, the lab switch should be a consensus agreement between both lab advisors. Program Office should be informed and the student should submit new rotation form before the 8<sup>th</sup> week at the latest. The 2<sup>nd</sup> rotation unit starts at the 9<sup>th</sup> week without any delay.
4. For each rotation, a final report must be submitted within one week after the rotation is completed. It must contain the research topic, the skills learned, and the results obtained.
5. Specific Instructions:
  - (1) To learn about BIODIV faculty members' research from the website or from the faculty member directly.
  - (2) To inquire about the possibility of a lab rotation with faculty members of interest.
  - (3) To arrange lab rotations and finalize the rotation schedule.
  - (4) Before the rotation starts, a student shall acquire a Rotation Evaluation Form from the Program Office or website, find an advisor to sign it, and submit the signed form to the Program Office.
  - (5) Upon completion of rotation, the advisor shall evaluate the student's performance by filling out and signing the Rotation Evaluation Form. The student shall fill out a Rotation Student Feedback Form and write a research report. Both forms should be submitted to the Program Office within one week after the end of rotation. The student will receive a FAIL grade for the lab rotation course if he/she fails to submit the feedback form and the report in time.

### **Guidelines for advisor**

Two forms, Rotation Evaluation Form and Rotation Student Feedback Form, are designed to facilitate the lab rotation. The Rotation Evaluation Form describes what are expected of a student, and contains grading and comment sections for evaluation of the student. The Rotation Student Feedback Form describes the student's evaluation of the advisor's performance, which requires no consent or signature from the advisor.

If you take a student for the lab rotation, please go through and sign the Rotation Evaluation Form with the student together before the start of the rotation. The form will then be kept in the Program Office. Upon completion of the rotation, the Program Office will hand the form back to you for

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evaluation of the student's performance and for your signature.

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## **TIGP-BIODIV Program Fellowship Stipend and Renewal Guidelines**

Approved by Student Affairs Committee, June 11, 2013

Approved by Academic Affairs Committee, October 1, 2015

Approved by Academic Affairs Committee, September 26, 2016

1. The fellowship grantee receives a stipend of NT\$34,000 (approximately US\$1,100) per month from TIGP in the first year.
2. The fellowship has to be renewed at the end of the student's first year and at the end of the second year. The renewed stipend begins on September 1<sup>st</sup>.
3. The renewal evaluation for a 2<sup>nd</sup> year student will be made by two lab rotation faculty members, or a lab rotation faculty member and the organizer of a required course if only one lab rotation faculty member is available. The evaluation for a 3<sup>rd</sup> year student will be made by the thesis advisor and another member of the thesis advisory committee chosen by the student.
4. To apply for fellowship renewal, students should submit the following documents to the BIODIV program office by July 5<sup>th</sup>.
  - (1) A properly completed evaluation form.
  - (2) Transcripts of the previous academic year (from the NTNU & THU system).
5. The renewal evaluation is based on the student's performance in coursework and in the lab.
6. The evaluation has four possible results:

Result	Average Grades	Amount of Fellowship	Term
Pass	85	34,000	One year stipend renewal granted
	80-84	31,000	
Conditional Pass	75-79	28,000	One more semester of fellowship is granted on the condition that it will be reevaluated before the next semester  The re-evaluation is done by the two previous faculty members. The evaluation form and transcript again must be submitted to the BIODIV program office
No Pass	70-74	0	Fellowship denied
Fail	~ 69	The student is not eligible to enroll for the following semester.	

7. A student who fails one or more required course will suffer a deduction of NT 3,000 per month per required course failed until the course has been passed.

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8. The student should take the first Preliminary Examination before the end of the second semester (7/31); if the student does not pass the first Preliminary Examination, the student's monthly fellowship will suffer a 10,000 reduction until the student passes the examination. A "Conditional pass" status will not qualify as a "Pass".
  9. The student should complete the first Thesis Proposal Oral Defense before the end of the fourth semester (7/31); if the student does not pass the first Thesis Proposal Oral Defense, the student's monthly fellowship will suffer a 10,000 reduction until the student passes the defense. A "Conditional pass" status will not qualify as a "Pass".
  10. In order to receive a fellowship for the second and third years of the program, a student must also have a thesis advisor. A student who does not have an advisor will not be eligible for a fellowship renewal. Furthermore, if a student ceases to have an advisor at any time during the second and third years of his or her fellowship, then his or her fellowship payments will cease after six months until a new advisor has been appointed.
  11. Starting from the fourth year, the financial aid may be provided by student's thesis advisor. The provision of financial aid is at the advisor's sole discretion, and if an aid is given the amount may be different from that of the TIGP fellowship stipend.
  12. Scientific misconduct is the violation of the standard codes of scholarly conduct and ethical behavior in professional scientific research. A student who is recognized having serious and willful scientific misconduct while handing in the assignments of every course or cheating at exams will suffer the suspending of the stipend immediately, and the course will be failed.

國立臺灣師範大學生命科學系與中央研究院生物多樣性研究中心  
辦理生物多樣性國際研究生學程博士學位候選人資格考試實施要點  
**Guidelines for Qualifying Examinations in the TIGP Biodiversity Program,  
Biodiversity Research Center, Academia Sinica and  
Department of Life Science, National Taiwan Normal University**

**106年（含）以後入學研究生適用**  
**[For the Students Enrolled in and after 2017]**

103年7月28日學程事務會議制訂  
103年9月16日課程委員會會議修訂  
103年10月6日學程事務會議修正通過  
103年10月9日系務會議通過  
104年6月23日學程事務會議修正  
105年9月26日學程事務會議修正  
105年11月3日系務會議通過

Approved by the Program Academic Affairs Committee Meeting on July 28, 2014  
Amended by the Department Curriculum Committee Meeting on September 16, 2014  
Amended by the Program Academic Affairs Committee Meeting on October 6, 2014  
Approved by Department Meeting on October 9, 2014  
Amended by the Program Academic Affairs Committee Meeting on June 23, 2015  
Amended by the Program Academic Affairs Committee Meeting on September 26, 2016  
Approved by Department Meeting on November 3, 2016

一、「國立臺灣師範大學生命科學系與中央研究院生物多樣性研究中心辦理生物多樣性國際研究生學程博士學位候選人資格考試實施要點」（以下簡稱本要點）依照國立臺灣師範大學「研究生博士暨碩士學位考試實施要點」之規定訂定。

The guidelines herein have been established in accordance with Article Fourteen of the National Taiwan Normal University (NTNU) Masters and PhD Graduate Degree Examination Guidelines.

二、本學程「博士學位候選人資格考試」（以下簡稱「資格考試」）包含「初試」（Preliminary Exam）與「論文提案口試」（Thesis Proposal Oral Defense）。研究生應分別於入學後第三學期結束前通過「初試」（Preliminary Exam），第五學期結束前通過「論文提案口試」（Thesis Proposal Oral Defense），休學期間不計入。研究生需通過「初試」與「論文提案口試」方為通過「資格考試」，並取得本學程博士候選人資格。

The Qualifying Examination consists of two stages, a Preliminary Examination and Thesis Proposal Oral Defense. A student must pass the Preliminary Examination before the end of the fourth semester and pass the Thesis Proposal Oral Defense before the end of the sixth semester, excluding any period for which studies are suspended. Only students who have passed both stages are considered to have passed the Qualifying Exam and will be granted PhD candidacy.

三、研究生之「初試」，依下列規定辦理：

The Preliminary Examination shall be organized as follows:

1. 研究生必須於其預定之「初試」日期一個半月前提出考試申請，以便學程辦公室安排相關考試。  
A student must submit the TIGP-BIODIV Program Preliminary Examination Application Form and the documents specified on the form at least one and a half months prior to the projected examination date.
2. 研究生填具「初試申請書」並檢附「初試申請書」中所指定之相關資料後，由課程委員會依照研究生背景與研究領域，指定三位學程老師擔任「初試委員」。研究生的指導教授不得擔任初試委員。  
After reviewing a student's application to take the Preliminary Examination, the Curriculum Committee will appoint three experts from the Program faculty, excluding the student's advisor, to form a Preliminary Examination Committee appropriate to the student's background and field of research.
3. 「初試」日期由本學程安排。  
The date for the Preliminary Examination shall be arranged by the Program Office.
4. 每位初試委員應提出至少二個題目，出題範圍為學程授課內容或生物多樣性領域之基礎知識，學程辦公室必須在考試日期前三至四週將所有初試委員所提出之題目轉交給研究生。研究生需自每位委員提出之題目中選

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擇至少一題以口頭報告方式進行初試。

Each member of the Preliminary Examination Committee shall submit at least two written questions to the student to be examined, and the student shall select at least one question from each committee member to answer. The questions will be based upon material in the areas covered in the coursework that the student has taken or fundamental knowledge in biodiversity with which a student should be familiar. The questions will be given to the student by the Program Office three to four weeks before student's oral examination.

5. 「初試」考試時間以二小時為原則，考試結束後由三位初試委員討論並決定考試結果後送課程委員會核備。考試結果分別為：通過、有條件通過、不通過。

Two hours shall be allowed for the oral examination, after which the Examination Committee will discuss the student's performance. It will be the responsibility of the Preliminary Examination Committee to write a report, which should be signed by all three committee members, on the results of the examination to the Curriculum Committee for further reference. Three possible outcomes of the oral examination are:

- (1) 通過：研究生通過初試。

Pass: The student is certified as having passed the Preliminary Examination.

- (2) 有條件通過：研究生必須補齊初試委員建議的不足之處，或重考。

Conditional pass: The student must make up deficiencies and, if the committee members are still not satisfied, re-take the exam.

- (3) 不通過：研究生沒有通過初試。

Fail: The student has failed the Preliminary Examination.

6. 研究生應於第二學期結束前(7月31日)完成第一次初試；如果第一次初試未獲通過（「有條件通過」等同未獲通過），每月扣除獎助金10,000元，直至初試通過後回復至原核定金額。

The student should take the first Preliminary Examination before the end of the second semester (7/31); if the student does not pass the first Preliminary Examination, the student's monthly fellowship will suffer a 10,000 reduction until the student passes the examination. A "Conditional pass" status will not qualify as a "Pass".

7. 初試重考以一次為限，並且必須在第三學期結束前(1月31日)通過，重考仍不及格者，依照「國立臺灣師範大學學則」第60條規定應予退學。

There will be one and only one make-up examination allowed if a student fails the first examination. Failure to pass the make-up examinations before the end of the third semester (1/31) will result in action according to Article Sixty of NTNU Student Study Regulations.

#### 四、研究生之「論文提案口試」，依下列規定辦理：

The Thesis Proposal Oral Defense shall be organized as follows:

1. 研究生須於其預定之「論文提案口試」日期一個半月前提出考試申請，以便學程辦公室安排相關考試。

A student must submit the application and required documents at least one and a half months prior to the projected examination date.

2. 論文提案口試委員應包括至少五位相關領域的專家學者，其中需包含至少一位非中央研究院、非國立臺灣師範大學之研究人員或教師。指導老師可推薦五位專家學者並可提出一份迴避名單。論文提案口試委員由課程委員會審核通過。

The Thesis Proposal Examination Committee shall include at least five experts in fields relevant to the thesis research, including at least one committee member not affiliated with Academia Sinica or National Taiwan Normal University. The Thesis Proposal Examination Committee must be approved by the Curriculum Committee. The student's Thesis Advisor can suggest up to five experts to be considered as Examination Committee members and a list of faculty members to exclude.

3. 「論文提案口試」日期由本學程安排。

The date for the Thesis Proposal Oral Defense shall be arranged by the Program Office.

4. 研究生必須於考試日期二週前將論文初稿送交論文提案口試委員審閱。此論文提案格式為二倍行高、頁數不

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得超過20頁（包括表格、圖表與參考文獻）。

The student must distribute to all members of the Thesis Proposal Examination Committee a near-final copy of the full thesis proposal to be defended two weeks before the defense date. The written proposal shall not exceed 20 double-spaced pages (including tables, figure legends, references, etc.).

5. 「論文提案口試」採不公開報告方式進行。每位論文提案口試委員皆需提出意見，並根據以下要點針對研究生之表現評分：

The Thesis Proposal Oral Defense is conducted as a closed-door presentation. Each examination committee member shall make comments and mark the student's performance based on:

- (1) 該研究生對於所提案之研究與科學知識的瞭解程度。

The student's understanding of the concept of the proposed research plus scientific knowledge in his/her area of interest.

- (2) 此論文提案是否符合研究倫理之規範。

The conformance of the thesis proposal to research ethics regulations.

- (3) 該研究生是否具備確認研究問題、提出好的研究問題，使用合適的方法分析資料與簡述研究結果等之研究能力。

The student's ability to identify a problem, ask good research questions, use appropriate methods to analyze data and summarize research results.

6. 考試結束後由論文提案口試委員討論並決定考試結果後送課程委員會核備。考試結果分別為：通過、有條件通過、不通過。

It will be the responsibility of the Thesis Proposal Examination Committee to report, in writing, the results of the examination to the Curriculum Committee for the record. Three possible outcomes of the oral examination are:

- 通過：研究生通過論文提案口試。

Pass: The student has passed the Thesis Proposal Oral Defense.

- 有條件通過：研究生必須補齊口試委員建議的不足之處、修改論文提案，或重考。

Conditional pass: The student must make up the deficiencies, revise the proposal and, if the committee members are still not satisfied, re-take the exam.

- 不通過：研究生沒有通過論文提案口試。

Fail: The student has failed the Thesis Proposal Oral Defense.

7. 研究生應於第四學期結束前(7月31日)完成第一次論文提案口試；如果第一次提案口試未獲通過（「有條件通過」等同未獲通過），每月扣除獎助金10,000元，直至論文提案通過後回復至原核定金額。

The student should complete the first Thesis Proposal Oral Defense before the end of the fourth semester (7/31); if the student does not pass the first Thesis Proposal Oral Defense, the student's monthly fellowship will suffer a 10,000 reduction until the student passes the defense. A "Conditional pass" status will not qualify as a "Pass".

8. 重考以一次為限，並且必須在第五學期結束前(1月31日)通過，重考仍不及格者，依照「國立臺灣師範大學學則」第60條規定應予退學。

There will be one and only one make-up examination allowed if a student fails the first examination. Failure to pass the make-up examinations before the end of the fifth semester (1/31) will result in action according to Article Sixty of NTNU Student Study Regulations.

#### 五、本要點未盡事宜，悉依教育部及國立臺灣師範大學相關規定辦理。

Any matters that are not addressed in these Guidelines shall be governed by the relevant laws of the Ministry of Education and the NTNU.

#### 六、本要點經學程事務委員會、國立臺灣師範大學生命科學系系務會議通過後，並送國立臺灣師範大學教務處備查後施行，修正時亦同。

These guidelines must be approved and implemented by an Academic Affairs Meeting of the TIGP Biodiversity Program

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and a Department Meeting of Department of Life Science, NTNU. A copy of these guidelines shall be forwarded to the office of Academic Affairs, NTNU for future reference. The same procedure applies to all subsequent amendments.



**東海大學與中央研究院生物多樣性研究中心**  
**辦理生物多樣性國際研究生博士學位學程修業暨學位考試規定**  
**Graduate Degree Exam Regulations for the TIGP Biodiversity Program,**  
**Biodiversity Research Center, Academia Sinica and Tunghai University**

109年8月12日學程事務會議暨課程委員會聯席會議通過  
Approved by the Program Academic Affairs and Curriculum Committee Meeting on August 12, 2020

十七、 本規定依東海大學學則與東海大學研究生學位考試規則訂定。

The regulations herein have been established in accordance with the Tunghai University (THU) Academic Regulations and THU Regulations Regarding Graduate Degree Examination.

十八、 本學程依教育部核定為「生物多樣性國際研究生博士學位學程」（以下簡稱本學程），英文為「International Graduate Degree Program for Biodiversity」。授予之學位名稱為理學博士，英文為 Doctor of Philosophy (Ph. D.)。

十九、 指導教授及論文指導委員會

Thesis Advisor and Thesis Advisory Committee

7. 研究生應於第一學年結束前之一個月（6月30日前），就本學程師資之中（教授、副教授、特聘研究員、研究員、副研究員）選定指導老師，研究生選定之指導教授若為助理教授或助研究員，由課程委員會議審定。研究生選定指導教授之前，由課程委員會輔導學生修業事宜。

A student is required to identify a Thesis Advisor from within the Program faculty (professor, associate professor, assistant professor, distinguished research fellow, research fellow, associate research fellow and assistant research fellow); in the case of assistant research fellow or assistant professor, the qualification of the identified advisor shall be reviewed by the Curriculum Committee one month before the end of the first year (no later than June 30). Before a thesis advisor is identified, students will be supervised by the Curriculum Committee.

8. 研究生應於確定指導老師之後一個月內（7月31日前）提出論文指導委員名單，提交課程委員會核定。論文指導委員會由至少五位委員組成，包含指導老師以及至少一位非中央研究院、非東海大學之研究人員或教師。論文指導委員若為助理教授或助研究員身份，需由課程委員會審定。

Within one month of identifying a Thesis Advisor (and no later than July 31), a student shall propose, with the help of the Thesis Advisor, the composition of the Thesis Advisory Committee, which shall then be submitted to the Curriculum Committee for further approval. The Thesis Advisory Committee shall consist of at least five members (including the Thesis Advisor and at least one committee member who is not affiliated with Academia Sinica or THU). The qualification of an assistant research fellow or assistant professor serving on the Thesis Advisory Committee shall be reviewed by the Curriculum Committee.

9. 通過論文提案口試之研究生，應於每學年結束前（7月31日）舉行至少一次進度報告直至畢業，此進度報告由該生之論文指導委員會審核並建議未來研究方向與進展。

The student, who has passed the Thesis Proposal Oral Defense, should call a progress report meeting at least once before the end of each academic year (July 31) until the graduation; the Thesis Advisory Committee shall evaluate the progress, and advise on current research problems and the future direction of the student's project.

## 二十、 課程及修業

### Course and Degree Requirements

7. 本學程修業年限為兩年至最多至七年。本學程課程皆為英文授課，博士學位候選人資格考試、論文撰寫與學位考試皆使用英文。

The period of study within the Program shall be no less than 2 and no more than 7 years. All course lectures, qualifying examinations and theses are conducted in English.

8. 學生於在學期間至少應修畢 18 學分，其中包含本系所訂定之必修、必選等科目，修業科目表如附表。

A student shall complete at least 18 credits during the period of study from the required and elective courses offered by the Program as listed in the appendix.

9. 本學程得招收僅具學士學位之學生並依其「學生逕修讀博士學位作業要點」申請逕修讀本博士學位學程，最低畢業學分為 18 學分；以碩士學位或同等學力修讀博士學位者，最低畢業學分 18 學分。

An applicant with only a B.S. degree may be considered for direct admission to the PhD Program (TIGP Biodiversity Program) according to the relevant regulations; students in this category shall follow the Program's rules to complete at least 18 credits during the period of study from the required and elective courses offered by the Program as listed in the appendix, and will be required a minimum of 18 credits for graduation as well as an applicant with M.S. degree.

## 二十一、 資格考試

### Qualifying Examination

5. 本學程博士學位候選人資格考分為「初試」與「論文提案口試」。

The Qualifying Examination consists of two stages, Preliminary Examination and Thesis Proposal Oral Defense.

6. 相關規定依「東海大學與中央研究院生物多樣性研究中心辦理生物多樣性國際研究生學程博士學位候選人資格考試實施要點」辦理。

The Qualifying Examination shall comply with the Guidelines for Qualifying Examinations in the TIGP Biodiversity Program, Biodiversity Research Center, Academia Sinica and Tunghai University.

## 二十二、 學位考試

### Degree Examination

5. 博士學位考試依「東海大學研究生學位考試規則」辦理。

The Degree Examination shall comply with the THU Regulations Regarding Graduate Degree Examination.

6. 研究生符合下列規定者，得申請博士學位考試：

Graduate students must satisfy all the following requirements before applying to take the PhD graduate degree examination:

- (13) 博士班修業滿三學期者，或係逕行修讀博士學位並已在博士班修業滿三學期者。

Students must have completed 3 semester's study in the Program after being accepted as PhD students.

- (14) 修畢本學程規定之應修科目及畢業總學分數，並完成論文研究初稿。

Students must have completed all compulsory courses and obtained all credits required by the Program.

(15) 通過資格考者。

Students must have passed the Qualifying Examination and completed a preliminary draft of thesis.

(16) 於修業期間發表(1)一篇 Impact Factor 高於 3.5 之 SCI 期刊論文，或(2)發表一篇為所屬領域排名前 15%之 SCI 期刊論文(以申請畢業口試該年或期刊資料庫公佈之 5 年平均 IF 為計)；或(3)發表二篇以上 SCI 期刊之論文。期刊論文須有接受證明或已印出，且研究生須為第一作者(或通訊作者)。均須檢附相關證明資料提送審查。上述規定亦得適用於 109 學年(含)以前入學者。如有未符合以上條件之學位考試申請案，學生以及指導教授皆需檢附申請之聲明書送請學程課程委員會討論，如課程委員會認為需要送外審，外審之審查者由課程委員會推薦，待審查者提供審查意見後再決定是否通過該申請。

Students must have had research result(s) published or manuscript(s) accepted by SCI journal(s). The student must be the first author or the corresponding author of either (1) one paper with an Impact Factor (IF) higher than 3.5, or (2) one paper in a journal ranked in the top 15% in the field, or (3) more than one SCI paper. IF is the 5-year average IF for the journal. Students need to provide the published paper(s) or the letter(s) of acceptance of the paper(s). The above criteria can also be applicable to the students who enrolled in and before 2020. If there is any application that does not meet the above criteria, both the student and the Thesis Advisor have to provide additional statements to the Curriculum Committee for discussion and, if needed, external review. The reviewers shall be recommended by the Curriculum Committee. The Curriculum Committee shall make the final decision after receiving the review.

(17) 研究生發表著作時，列名之合作單位應包含：東海大學生物多樣性國際研究生博士學位學程、中央研究院生物多樣性國際研究生博士學位學程及指導教授所屬單位。

When publishing the results of research that has been conducted during study in the Program, a student must acknowledge the support of TIGP and the affiliated institution(s) by denoting the authorship as follows: (1) International Graduate Degree Program for Biodiversity, Tunghai University, Taichung City, Taiwan, 40704; (2) Biodiversity Program, Taiwan International Graduate Program, Academia Sinica, Taipei, Taiwan 11529; and (3) the primary affiliation of the Thesis Advisor.

(18) 如有未盡事宜，由學程事務委員會審議後辦理。

Any matters that are not addressed in these guidelines shall be reviewed and implemented after approval by the Academic Affairs Committee of the Program.

二十三、 本規定未盡事宜，悉依教育部及本校學位授予暨研究生學位考試辦法及學則等相關規定辦理。

Any matters that are not addressed in these guidelines shall be governed by the relevant laws of Ministry of Education and the Tunghai University Degree Conferral and Graduate Degree Exam Regulations.

二十四、 本規定經學程事務委員會、東海大學理學院院務會議通過後，送教務會議審議，修正時亦同。

These guidelines have been approved and implemented by an Academic Affairs Meeting of the TIGP Biodiversity Program and a Meeting of College of Life Science, THU. A copy of these guidelines shall

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be forwarded to the Office of Academic Affairs, THU for further reference. The same applies to all subsequent amendments

## **TIGP BIODIV Program Procedures of Request for Personal and Research Leaves**

Revised on November 2, 2012

Revised on May 16, 2013

Revised according to June-23 Academic Affairs Meeting 2015

Revised according to October-1 Academic Affairs Meeting 2015

### **Requesting for Leave**

These procedures herein are established mainly to regulate students who receive the first three years fellowship sponsored by TIGP and Academia Sinica. Students supported by Thesis Advisors' project starting from fourth year should meet the regulation of Thesis Advisors' home institute.

- For personal leave, a student should submit the completed Personal Leave Application Form to the Program Office two weeks prior to the leave. If the leave duration is more than 14 days, the fellowship will be temporarily suspended until the student returns. Only students who have passed the Preliminary Exam can apply for a personal leave of more than 14 days.
- **A student can apply for abroad research field trip only after passing Qualification Examination, Each trip cannot exceed one year.** If there is need for abroad research for thesis proposal, a student, after passing Preliminary Examination, can apply for a research field trip shorter than one month. Over one month research field trip, if the student does not yet passed Qualification Examination, will be considered as personal leave and the fellowship will be temporarily suspended until the student returns.

The student should submit the completed Leave Application for Field Research with proposal of the research trip (including organization/institute, duration, aim and anticipated achievement etc.) to Program Office.

Please return the completed form to the Program Office two weeks prior to the leave once the Thesis Advisor has approved it. Failure to comply with the regulation may result in termination of the fellowship.

If the leave occurs during semester, the student must obtain approval from lecturer(s) for the courses she/he will miss and submit the approval in written (email is acceptable).

### **Reviewing Procedure**

<b>Personal Leave</b>		
TIGP fellowship will be temporarily suspended for leaving more than 14 days until the return		
days		
<=7	approved by Thesis Advisor	
7~14	Thesis Advisor → approved by Student Affairs Chair	
14~30	Thesis Advisor → Student Affairs Committee → approved by the Program Director	
>=31	Thesis Advisor → Student Affairs Committee → reviewed by Academic Affairs Committee → sent to BRC for acknowledging	
<b>Research Leave</b>		
Leave for research might not apply to stipend suspension rule		
days		
<=30	Thesis Advisor → reviewed by Curriculum Committee → approved by the Program Director → sent to BRC for acknowledging	Acknowledging by Student Affairs Committee Chair
31~90	Thesis Advisor → Curriculum Chair → reviewed by Academic Affairs Committee → sent to BRC for acknowledging	
>=90	Please contact Program Office for details at least two months prior to the leave	

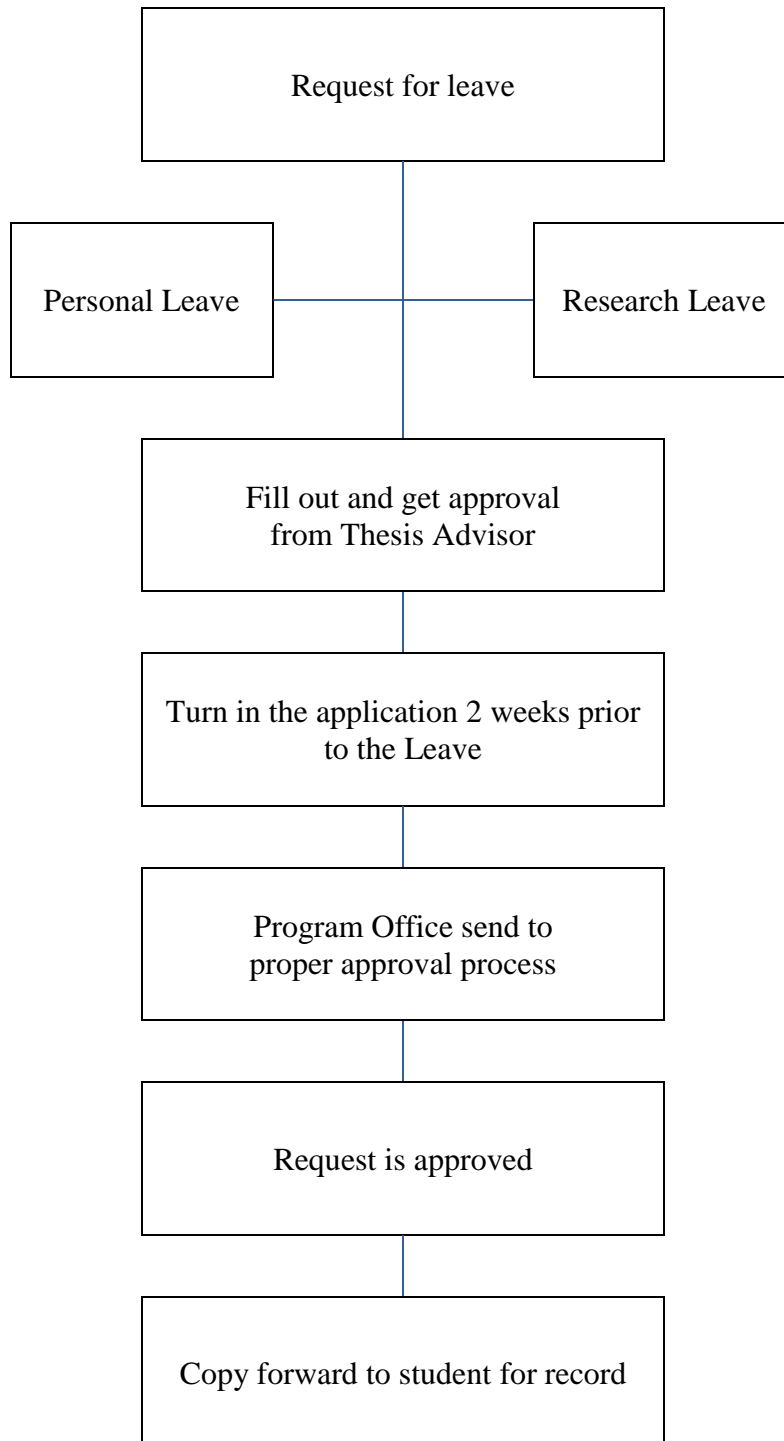
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After the leave request is approved, the signed original hardcopies will be kept in Program Office to document the student's leave status. A photocopy will be forwarded to the student as well as cc to Personnel and Accounting departments for record.

**Leave without permission**

If a student leaves without permission, her/his Thesis Advisor will be informed. If a student leaves without permission for more than one month, the fellowship will be terminated immediately.

**Procedure of applying for leave**



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**TIGP-BIODIV Program Mentor Meeting Record**

Each student (enrolled since 2015) is required to meet with the mentor at least once every semester until the end of the second academic year. Please complete the meeting **before 11/15 in Fall semester** and **4/30 before Spring Semester**.

<b>Student Name</b>	(Chinese) (English)		
<b>Student ID Number</b>		<b>Enrollment (MM/YYYY)</b>	
<b>Mentor</b>	(Name) (Inst/Dept)		
<b>Meeting Date</b>	/	/	(MM/DD/YYYY)

Student's Signature: \_\_\_\_\_

Mentor's Signature: \_\_\_\_\_

Comments or Suggestions:



## TIGP Biodiversity Program TIGP Student Conference Travel Grant Guidelines



Approved by the Program Academic Affairs Committee on August 16, 2018

### **The Evaluation:**

The Evaluation for BIODIV program TIGP Student Conference Travel Grant shall be conducted during the student annual report section of the BIODIV Program Annual Retreat. The Evaluation Committee members have to be the faculty of the BIODIV program. The applicant will be granted when he/she obtains top rankings in the evaluation.

### **Eligibility**

1. Students must be enrolled full-time in the TIGP BIODIV program.
2. Students must attend BIODIV program retreat.
3. Students who are currently at the following status are not eligible: on an approved leave of absence.
4. In general, each student may receive only one grant during the course of his/her study in TIGP. Additional fund, however, may be granted if the applicants obtain top rankings in the evaluation.

### **The Result of the Evaluation:**

The result of the evaluation will be distributed into two groups, each group will have 3 candidates. Top 1 candidates of the ranking in Group 1, depending on the approval of the conference, can be granted 40,000 NTD, and Group 2, 35,000 NTD. The travel grant is limited to the expense of attending one conference.

Group 1: 40,000 NTD (Oral presentation)

Group 2: 35,000 NTD (Poster presentation)

\*If for any reason, the grantee do not get the permission to attend the conference before the TIGP travel grant application deadline, he/she has to agree to relinquish his/her claim to the travel grant. BIODIV program has right to award next student of the ranking list. If there is a surplus of grant, BIODIV program has the right to allocate the funding to other students.

The result of the evaluation will be announced by BIODIV Program office.



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## The Guideline of Publication of TIGP Student

Dear TIGP Students,

This note serves as a routine reminder. TIGP Office would like to remind all TIGP faculty and their students to pay special attention to the following *Guidelines for TIGP Student Publication*:

When publishing research results conducted during the study at TIGP, all students should acknowledge the support of TIGP and the affiliated institution(s) by denoting the authorship as follows:

***Name of TIGP program, Taiwan International Graduate Program, Academia Sinica and Partner University***

We wish you all the best in your future endeavors!

For enquiries, please contact TIGP Office

Email: [tigp@gate.sinica.edu.tw](mailto:tigp@gate.sinica.edu.tw)

Sincerely,  
TIGP Office

### **The affiliations of students of Biodiversity Program shall include:**

- **Biodiversity Program, Taiwan International Graduate Program, Academia Sinica and National Taiwan Normal University or Tunghai University**
- **School of Life Science, National Taiwan Normal University, Taipei City, Taiwan, 116 or International Graduate Degree Program for Biodiversity, Tunghai University, Taichung City, Taiwan, 40704**
- **Primary affiliation of the Thesis Advisor**

### **Appendix: Publication Ethics Guidelines**

**Best Practice Guidelines on Publication Ethics by Blackwell Publishing (see <http://onlinelibrary.wiley.com/doi/10.1111/ijcp.12557/full>)**

## Appendix: Campus Maps



## Directory

- |  |   |   |   |
|--|---|---|---|
| 1 Main Entrance  | 16 Institute of Statistical Science   | 24 Institute of Political Science (5-6 <sup>th</sup> Floor of North Wing, HSSB) | 38 Institute of Economics   |
| 2 Institute of Biomedical Sciences   | 16 Post office, garage, grocery store and Hi-Life convenient store  | 24 Institute of Taiwan History (7-8 <sup>th</sup> Floor of North Wing, HSSB)    | 40 Institute of Ethnology   |
| 3 Environment, Health and Safety Management Division   | 17 Ecopond  | 24 Institutum Jurisprudentiae (9-10 <sup>th</sup> Floor of North Wing, HSSB)    | 40 Museum of the Institute of Ethnology   |
| 4 Institute of Cellular and Organismic Biology   | 18 Genomics Research Center   | 25 Research Center for Environmental Changes (Laboratories)                     | 41 Lingnan Fine Arts Museum (Jin Mei Building)  |
| 4 Biodiversity Research Museum—Zoological Museum   | 18 Agricultural Technology Building   | 26 Plant Molecular Breeding Greenhouse  | 42 Archive Building, Institute of Modern History  |
| 5 Institute of Molecular Biology   | 18 Agricultural Biotechnology Research Center (Agricultural Technology Building 1 <sup>st</sup> -2 <sup>nd</sup> Floor and 5-7 <sup>th</sup> Floor)       | 27 Greenhouse Building  | 43 Building of Taiwan Archaeological Studies  |
| 5 Institute of Biological Chemistry  | 18 Institute of Plant and Microbial Biology (Agricultural Technology Building 1 <sup>st</sup> Floor and 3 <sup>rd</sup> -4 <sup>th</sup> Floor)           | 27 Biodiversity Research Center   |   |
| 6 Life Science Library   |   | 28 Research Center for Environmental Changes (under construction)               | 50 Academia Sinica Dormitory Buildings  |
| 7 National Laboratory Animal Center, NLAC  |   |   | 60 Teaching and Administration Building (TA Building)   |
| 8 Interdisciplinary Research Building for Science and Technology   | 20 Center of Academic Activities (Bookstore, auditorium, conference rooms, guest rooms, breastfeeding room, Chinese and Western restaurants, coffee shop) | 30 Institute of Chemistry   | 60 Administrative office for TIGP, Degree Program and Foreigners Services (2 <sup>nd</sup> -3 <sup>rd</sup> Floor of TA Building) |
| 8 Biodiversity Research Center (2-3 <sup>rd</sup> Floor, Interdisciplinary Research Building for Science and Technology)         | 21 Institute of Chinese Literature and Philosophy   | 31 Research Center for Humanities and Social Sciences                           | 60 Kindergarten (1 <sup>st</sup> Floor of TA Building)  |
| 8 Research Center for Applied Sciences (4-5 <sup>th</sup> Floor, Interdisciplinary Research Building for Science and Technology) | 22 Institute of Earth Sciences  | 31 Institute of Information Science   |   |
|  | 23 Gymnasium (Breastfeeding room)   | 33 Institute of Physics   | 61 White Building   |
| 9 Mini-forest restoration area   | 24 Humanities and Social Sciences Building (HSSB)   | 33 Wu Ta-You Memorial Hall  | 61 Biodiversity Research Museum—Herbarium (B1F)   |
| 10 Central Office of Administration  | 24 Joint Library of Humanities and Social Sciences (1 <sup>st</sup> -2 <sup>nd</sup> Floor HSSB)  | 34 Hu Shih Memorial Hall  | P Temporary Parking   |
| 11 Yellow Tile Building  | 24 Institute of Linguistics (5-7 <sup>th</sup> Floor of South Wing, HSSB)   | 34 Institute of Modern History  |   |
| 12 Institute of Plant and Microbial Biology  | 24 Institute of Sociology (8-10 <sup>th</sup> Floor of South Wing, HSSB)  | 35 Institute of European and American Studies                                   |   |
| 13 Research Center for Information Technology Innovation   | 24 Research Center for Environmental Changes (11 <sup>th</sup> Floor of South Wing, HSSB)   | 37 Institute of History and Philology   |   |
| 13 Center for Sustainability Science   |   | 37 Museum of the Institute of History and Philology                             |   |
| 14 Tsai Yuan-Pei Memorial Hall   |   | 38 Fu Ssu-nien Library  |   |

\* The Institute of Mathematics, Institute of Atomic and Molecular Sciences, Institute of Astronomy and Astrophysics and some buildings belonging to the Institute of Biological Chemistry are located on the National Taiwan University campus.

- By Bus: Buses 205, 212, 270, 276, 306, 620, 645, 679, Blue 25, minibus 1, minibus 5, and minibus 12 all go to Academia Sinica.
- By Train: Take bus 205, 212, 276, 306, 679, minibus 5 or minibus 12 to Academia Sinica at Nankang Train Station.
- By MRT: 1) Take the Bannan Line to Nankang Station (Exit 2). Then take bus 212, 270 or Blue 25 to Academia Sinica.  
2) Take the Bannan Line to the Nangang Exhibition Center (Across from Exit 5). Then take bus 205, 212, 276, 306, 620, 645, 679, minibus 1, minibus 5 or minibus 12 to Academia Sinica.

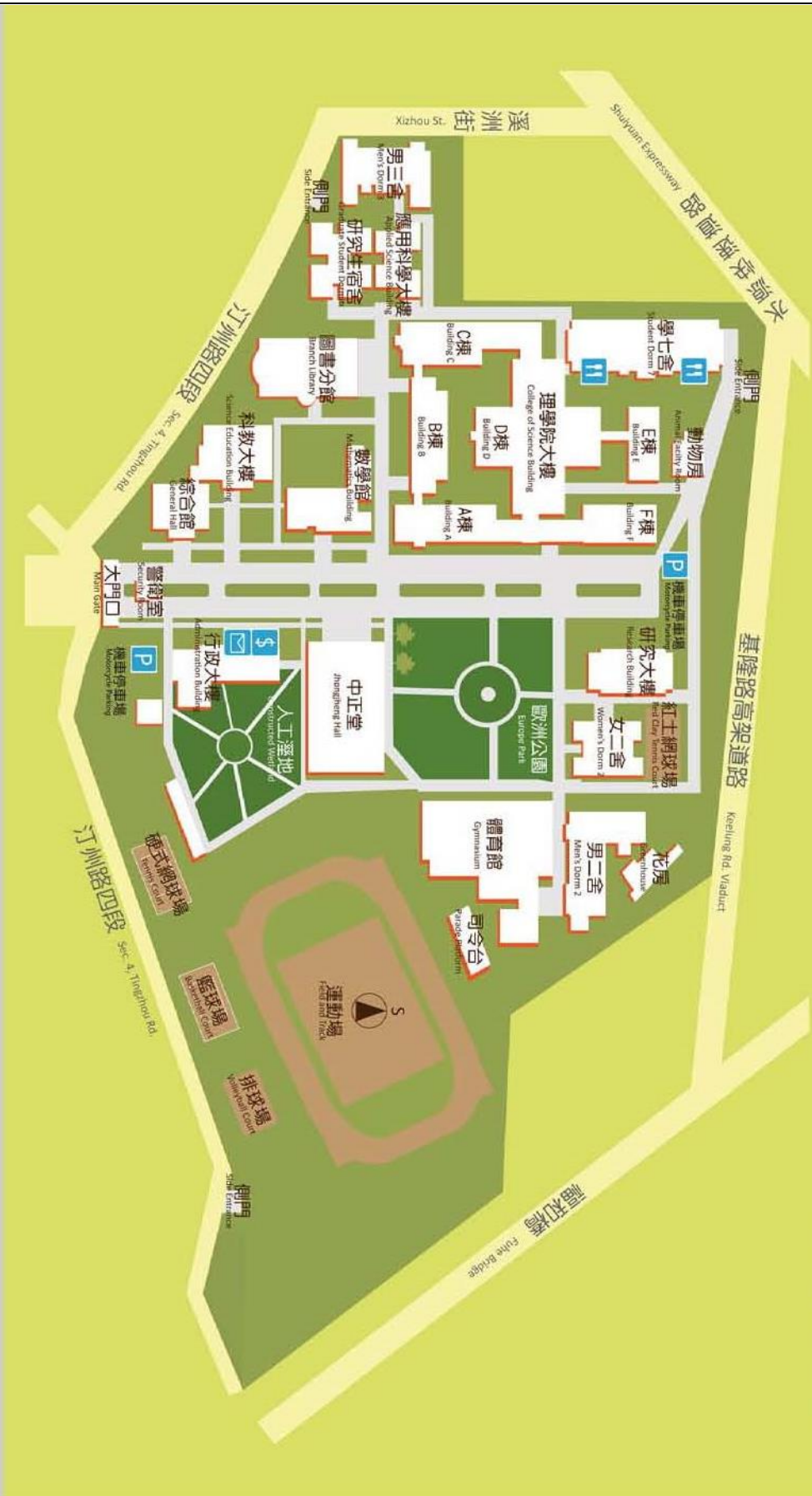
- # 8 Biodiversity Research Center (at Interdisciplinary Research Building for Science & Technology)
- # 20 Activity Center
- # 24 HSSB: Humanities & Social Sciences Building
- # 27 Biodiversity Research Center (at Greenhouse Building)
- # 50 Academia Sinica Dormitory Buildings
- # 60 TIGP Teaching and Administration Building



# 國立臺灣師範大學

Map of National Taiwan Normal University (Gongguan Campus)

## 公館校區配置圖



**MRT: Gongguan Station**  
**捷運公館站**

- 機車停車場  
Motorcycle Parking
- 提款機  
ATM
- 郵局  
Post Office
- 餐廳  
Restaurant or Cafe

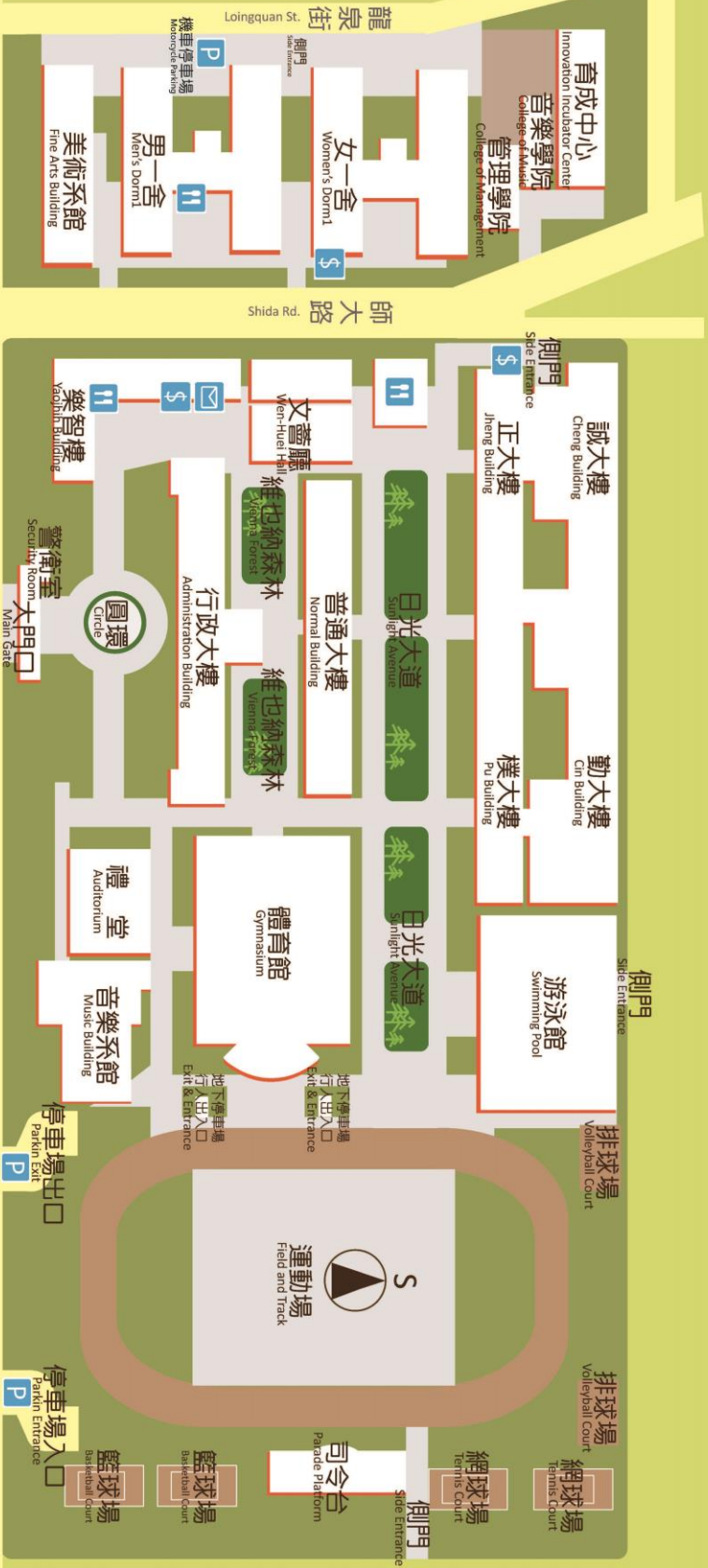
MRT: Guting Station  
捷運古亭站



# 國立臺灣師範大學

Map of National Taiwan Normal University (Main Campus 1)

## 校本部配置圖



- 汽車停車場 Vehicle Parking
- 提款機 ATM
- 郵局 Post Office
- 餐廳 Restaurant or Cafe



麗水街  
Lishui St.

金山南路  
Jinshan S. Rd.



# 國立臺灣師範大學

Map of National Taiwan Normal University (Main Campus II)

## 校本部II配置圖

MRT: Guting Station  
捷運古亭站



汽車停車場  
Vehicle Parking



提款機  
ATM



郵局  
Post Office



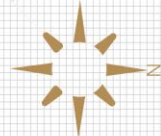
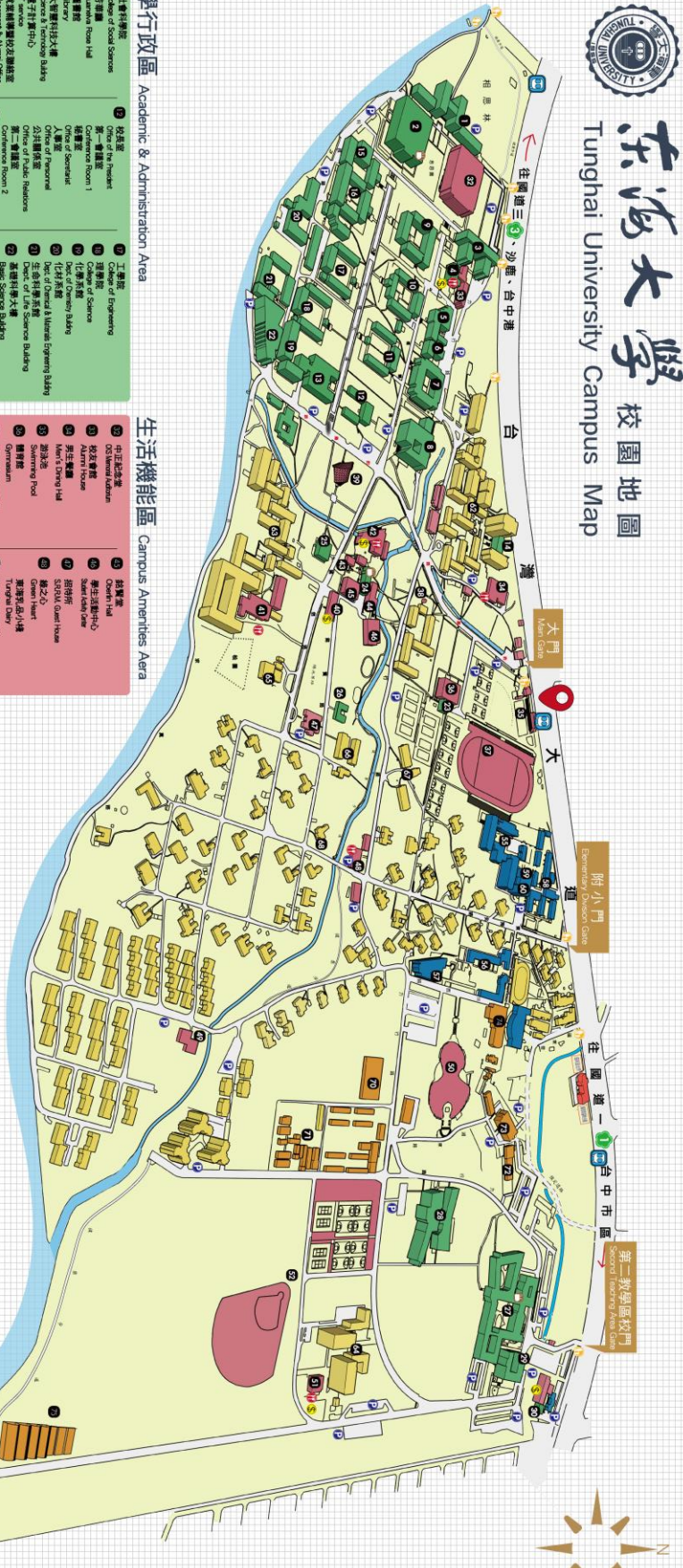
餐廳  
Restaurant or Cafe





# 東海大學 校園地圖

## Tungshai University Campus Map



TUNGSHAI UNIVERSITY

- ### 教學行政區 Academic & Administration Area
- 1 社會科學院 College of Social Sciences
  - 2 方音館 Language Lab
  - 3 圖書館 Library
  - 4 大智資訊科技大樓 IT service center
  - 5 校務管理資訊系統室 Academic Information System
  - 6 校務管理資訊系統室 Academic Information System
  - 7 工業設計系 Office of Industrial Design
  - 8 工業設計系 Office of Industrial Design
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  - 40 工業設計系 Office of Industrial Design

- ### 生活機能區 Campus Amenities Area
- 1 中文圖書室 Chinese Literature
  - 2 校友會 Alumni House
  - 3 校友會 Alumni House
  - 4 校友會 Alumni House
  - 5 校友會 Alumni House
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  - 33 校友會 Alumni House
  - 34 校友會 Alumni House
  - 35 校友會 Alumni House
  - 36 校友會 Alumni House
  - 37 校友會 Alumni House
  - 38 校友會 Alumni House
  - 39 校友會 Alumni House
  - 40 校友會 Alumni House

- ### 附屬學區 Affiliated school Area
- 1 泰山高級中學 Tai Shan Senior High School
  - 2 泰山高級中學 Tai Shan Senior High School
  - 3 泰山高級中學 Tai Shan Senior High School
  - 4 泰山高級中學 Tai Shan Senior High School
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  - 39 泰山高級中學 Tai Shan Senior High School
  - 40 泰山高級中學 Tai Shan Senior High School

- ### 學生宿舍及教職員宿舍區 Residence Hall & Residential Area
- 1 男生宿舍 Male Residence Hall
  - 2 女生宿舍 Female Residence Hall
  - 3 教職員宿舍 Faculty Residence Hall
  - 4 教職員宿舍 Faculty Residence Hall
  - 5 教職員宿舍 Faculty Residence Hall
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  - 40 教職員宿舍 Faculty Residence Hall

- ### 其他區 Others
- 1 體育館 Gymnasium
  - 2 體育館 Gymnasium
  - 3 體育館 Gymnasium
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  - 40 體育館 Gymnasium

**現在所在位置**  
You are here

公車  
 ATM  
 Cafe  
 停車場  
 出入口