Introduction

The Interdisciplinary Neuroscience (INS) graduate program integrates approaches from chemistry, molecular and cellular biology, physiology, imaging, and computer science in the study for neuroscience. Historically, integrating distinct disciplines to explore the causes and efficacious treatments for neurological and psychiatric disorders has been challenging. Therefore, the Neuroscience Program of Academia Sinica (NPAS), by teaming up with the School of Life Sciences and the School of Medicine of National Yang-Ming University (NYMU), the Medical College of National Cheng Kung University (NCKU), established the INS graduate program, tasked with the training of Ph.D. students, to conduct neuroscience research using multidisciplinary approaches.

INS will expand its repertoire to include research in cell and molecular neurobiology, clinical medicine, systems neuroscience, neural imaging and engineering, and cognitive and computational neuroscience. A diversified yet advanced curriculum will be offered at three campuses to enrich the learning process. In combination with seminars, symposia, and retreats, INS will provide active and flexible training processes to help students reach their highest potential. In addition, students are encouraged to initiate and participate in collaborative research projects with labs working in different disciplines. We seek highly motivated and energetic students from various backgrounds to apply to the INS program.

Campus Features

Academia Sinica, Taipei, Taiwan

Neuroscience Program of Academia Sinica (NPAS) is an on-campus research program that promotes interaction and collaboration with the goal of excellence in neuroscience research and education at international levels. NPAS encompasses approximately 30 faculty members, whose researches cover neuronal development, synaptic plasticity, sensory perception, neurological disorders and diseases, stem cell regeneration, systemic and computational neuroscience. Approximately, the 30 laboratories are distributed among 7 institutes and 2 research centers on the campus, and the program faculties and students interact actively through engaging in various NPAS activities, such as monthly meetings, seminars and symposium. Distinguished lecture series and seminars from social, physical, information and life sciences are delivered year-round on the campus. Despite broad spectrum of interest areas, atmosphere in Academia Sinica is ideal for promoting thriving collaborations.

National Yang-Ming University, Taipei, Taiwan

National Yang-Ming University (NYMU) is a leading medical university in Taiwan and has a long history of cross-disciplinary brain research. NYMU-Brain Research Center (BRC) is a nationally renowned research center in Taiwan under the support of the Aim for the Top University Grant. Currently, the NYMU-BRC is made up of more than 60 laboratories and is organized into four distinct yet complementary research areas: (1) Basic Neuroscience, (2) Cognitive Neuroscience, (3) Clinical Neuroscience, and (4) Biomedical Technologies.

National Cheng Kung University, Tainan, Taiwan

National Cheng Kung University (NCKU) is a research-oriented international top-tier university. NCKU occupies a total of more than 180 hectares of land, is a comprehensive university with 9 colleges: Liberal Arts, Sciences, Engineering, Electrical Engineering and Computer Science, Planning & Design, Management, Social Sciences, Bioscience & Biotechnology and Medicine. All the colleges are within a walking distance on the main campus, allowing...
students to take interdisciplinary courses easily. There are more than one thousand faculty members and more than twenty thousand students at NCKU. At NCKU, students who major in science have a literary taste and students who major in liberal arts have science knowledge. On the base of the College of Medicine and the affiliated hospital, NCKU will offer an open learning environment for students of the Interdisciplinary Neuroscience (INS) graduate program to bridge the gap between the explosion of knowledge in neuroscience and conceptually novel treatments for brain disorders.

Our faculty’s research areas are as follows:
1. Neural Development/Degeneration
2. Molecular/Cellular Neuroscience
3. Clinical/Translational Neuroscience
4. Physiology/Systems Neuroscience
5. Cognitive/Social Neuroscience
6. Neuroinformatics/Neural Applied Sciences

Faculty Members

Academia Sinica
Chi-Keung Chan
Ph.D., University of Pittsburgh, USA
Multi-electrode array study of network synchronization and reverberation related to working memory

Chih-Cheng Chen
Ph.D., University College London, UK
Pain; Neurobiology; Mouse Genetics

Guang-Chao Chen
Ph.D., University of Texas at Austin, USA
Molecular Genetics; Signal Transduction; Autophagy

Jun-An Chen
Ph.D., the Wellcome Trust Gurdon Institute, University of Cambridge, UK
Interrogating Neural Development and Degeneration by ES cells

Rita Pei-Yeh Chen
Ph.D., Biochemistry, University of Cambridge, UK
Protein Folding, Misfolding, Alzheimer and Prion Diseases

Chien-Chang Chen
Ph.D., University of Illinois, Urbana-Champaign
Electrophysiology and calcium channel

Ruey-Hwa Chen
Ph.D., Biochemistry, Michigan State University, USA
Cancer Cell Biology; Signal Transduction

Yun-Ru Ruby Chen
Ph.D., Molecular and Structural Biochemistry, North Carolina State University, USA
Amyloids and Neurodegenerative Diseases

Ji-Yen Cheng
Ph.D., Chemistry, National Taiwan University, Taiwan
BioMicrofluidic Applications

Pei-Lin Cheng
Ph.D., Biochemistry, National Yang-Ming University, Taiwan
Mechanisms of Neuronal Polarization and Regeneration

Yijuang Chern
Ph.D., University of Massachusetts, USA
Signal Transduction; Gene regulation

Cheng-Ting Chien
Ph.D., Biochemistry and Cell Biology, SUNY at Stony Brook, USA
Dendrite Arborization in Development and Diseases
Synapse Formation and Plasticity

Chia-Fu Chou
Ph.D., Dept. of Physics, State University of New York at Buffalo
Biosensors, biophysics, and micro/nanofluidics

Shen-Ju Chou
Ph.D., Molecular and Cellular Biology, Baylor College of Medicine, USA
Neural Development; Cortical patterning

Ya-Hui Chou
Ph.D., Institute of Life Sciences, National Defense Medical Center, Taiwan
Developmental Neurobiology, Neural Circuitry, Insect Behavior

Huai-hu Chuang
Ph.D., University of California-San Francisco, USA
Neuromodulation of Sensory Transduction Complexes and Receptor-effector Coupling

Bon-chu Chung
Ph.D., Dept. Biochemistry, Univ. Pennsylvania, USA
Neurosteroid function and regulation, zebrafish and mouse models

Chin-Kun Hu
Ph.D., Physics, National Tsing Hua University, Taiwan
Critical Phenomena; Synchronization; Biological Evolution; Structure, Folding, and Aggregation of Proteins

Arthur C. Tsai
Ph.D., Electrical engineering, National Taiwan University, Taiwan
Multi-subject EEG/MEG brain source imaging and signal processing.

Joseph Jen-Tse Huang
Ph.D., National Taiwan University, Taiwan
Chaperone-assisted protein folding and misfolding in neurodegenerative diseases

Yi-Shuian Huang
Ph.D., University of Texas, Southwestern Medical Center, USA
Translational Control/Molecular Neuroscience/Learning and Memory

Chao-Ping Hsu
Ph.D., California Institute of Technology
Systems modeling for molecular biology; Noises propagation in a cell
Shang-Te Danny Hsu  
Ph.D., cum laude (with honour), Chemistry, Utrecht University, The Netherlands  
Structural biology of Parkinson’s disease

Wen-Liang Hwang  
Ph.D., Chemistry, National Taiwan University, Taiwan  
Wavelet Analysis; Signal, Imaging and Video Processing

Hung-Chih Kuo  
Ph.D., King’s College London, UK  
Programming neural fates; Neural development, Neural disease modeling and drug development, cellular therapy

Yung-Shu Kuan  
Ph.D., University of North Carolina at Chapel Hill, USA  
Neuronal Generation and Wiring; Transcription and mRNA Processing

Eminy H.Y. Lee  
Ph.D., University of California, San Diego, USA  
Learning and Memory; Amyloid-beta Toxicity and Neuroprotection

Chia-Ying Lee  
Ph.D., National Chung Cheng University, Taiwan  
Cognitive Neurosciences, Neurolinguistics, and Psycholinguistics

Yung-Feng Liao  
Ph.D., University of Georgia, USA  
Neurologic Diseases; Neural Development

Jung-Chi Liao  
Ph.D., Massachusetts Institute of Technology, USA  
Molecular Architecture in Cells; Cell Sensing and Signaling; Superresolution Imaging

Sue Lin-Chao  
Ph.D., Molecular and Cell Biology, the University of Texas at Dallas, USA  
Signal Pathways Govern the Control of Bacterial RNA Degradation; Function of RNA Degradosome Components; Function of Growth-arrest Genes during Mouse Brain Development

Teng-Nan Lin  
Ph.D., University of Missouri-Columbia, USA  
Cerebral ischemia and angiogenesis

Michelle Liou  
Ph.D., Sychometrics and applied statistics, University of Pittsburgh, USA  
Statistical and computational methods for real-life EEG and fMRI data analysis; EEG/fMRI experiments on real-life audiovisual stimulation, switching between functional states, and natural language processing; Theory of information synthesis (integration of conscious and non-conscious processes)

Che-Kun James Shen  
Ph.D., University of California-Berkeley, USA  
Molecular Genetics; Molecular Biology; Animal Model of Neurodegenerative Diseases

Ru-Chi Shieh  
Ph.D., University of Rochester, USA  
Electrophysiology; Biophysics

Bai-Chuang Shyu  
Ph.D., Goteborg University, Sweden  
Neurophysiology; Electrophysiology; Neuroimaging; Pain

Y. Henry Sun  
Ph.D., Div. Biology, Caltech, USA  
Molecular Mechanisms Regulating Drosophila Visual System Development

Chin-Yin Tai  
Ph.D., University of Massachusetts Medical School, USA  
Cellular Mechanisms of Morphological and Synaptic Plasticity in Neurons

Tang K. Tang  
Ph.D., Human Genetics, Yale University, USA  
Cell Cycle Control of Centrosome Duplication; Neural Stem Cell Division; Neurogenesis

Guey-Shin Wang  
Ph.D., National Yang-Ming University, Taiwan  
Post-Transcriptional Control; Neurodegeneration

Hong-Young Yan  
Ph.D., University of Texas at Austin, USA  
Electrophysiology; Neurobiology; Sensory Biology

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Ph.D., Genetics, National Yang-Ming University, Taiwan  
Fly Developmental Biology and Genetics; Mechanisms of Function and Growth of Synapses

Hung-Hsiang Yu  
Ph.D., Johns Hopkins University School of Medicine, USA  
Olfactory neural circuitry; Neural development and function

You-Yin Chen  
Ph.D., National Taiwan University, Taiwan  
Computational neuroscience, Deep brain stimulation for neurodegenerative disease and cognitive neuromodulation, Neuroengineering and Brain-computer interface technology, Neuroimaging

Irene Han-Juo Cheng  
Ph.D., Department of Molecular Biology and Genetics, Cornell University, Ithaca, New York, USA  
Biochemical, cellular, and animal studies of Alzheimer’s disease

Tzu-Hao Cheng  
Ph.D., Cellular and Molecular Pharmacology, Rutgers University/UMDNJ, USA  
Biochemical, cellular, and animal studies of polyQ neurological disorders; Development of therapeutic compounds against polyQ diseases

Yawei Cheng  
M.D. Ph.D., Institute of Neuroscience, National Yang-Ming University, Taiwan  
Social Cognitive Neuroscience

National Yang-Ming University
Ming-Chang Chiang
M.D., Ph.D., University of California, Los Angeles, USA
Neuroimaging

Yun-Chia Chou
Ph.D., Neuroscience, University of Florida, USA
The role of glutamate neurotoxicity in the pathogenesis of neurological disorders

Yeh-Shiu Chu
Ph.D., Molecular Cell Biology, University Pierre and Marie Curie, Paris, France
Molecular control of cell-cell adhesion, light microscopy, cell biology, biophysics

Chen-Jee Hong
M.D., Institute of Clinical Medicine, National Yang-Ming University, Taiwan
Mood disorders, schizophrenia, sleep disorders, genetic counseling, animal models of mental disorders

Chung-Ju-Jen Jeng
Ph.D., University of California, Los Angeles, USA
Molecular assembly and gene regulation of neuronal potassium channels, Molecular organization of synapses, Mechanisms of neuroprotection

Lung-Sen Kao
Ph.D., Biochemistry, University of Massachusetts, Amherst, MA, USA
Molecular mechanism of exocytosis; Pathogenesis of neurodegenerative diseases

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Neuroscience, Physiology, Informatics, Translational Medicine

Wen-Jui Kuo
Ph.D., Department of Psychology, National Chung Cheng University, Taiwan
Physiological mechanisms of cognition

Hsueh-Te Lee
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Role of the neurovascular unit in brain injury, cancer brain metastasis and neurodegenerative diseases

I-Hui Lee
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Stroke, Vascular cognitive impairment, Adult neurogenesis, Stem cell therapy

Tzong-Shyuan Lee
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Physiology of cardiovascular system, Immunology, Pathology

Yi-Hsuan Lee
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Molecular and cellular neurobiology in ischemic and inflammatory brain diseases

Cheng-Chang Lien
M.D. Ph.D., Albert-Ludwigs-Universität Freiburg, Germany
Synaptic physiology; Structural and functional connectome; Membrane biophysics; Computational neuroscience

Ching-Po Lin
Ph.D., Graduate Institute of Electrical Engineering, National Taiwan University, National Taiwan University, Taiwan
Application of diffusion MRI and functional imaging techniques to interdisciplinary research

Chung-Chih Lin
Ph.D., Institute of Biochemistry, National Yang-Ming University, Taiwan
Microscopy-based high content analysis and siRNA screen; Mitochondria dynamics and neurodegeneration; Tracking dynamics of secretory vesicles to understand molecular mechanism of exocytosis

Hui-Ching Lin
Ph.D., Institute of Basic Medical Sciences, National Cheng Kung University, Taiwan
Brain function and emotional processes in neurological and psychiatric diseases, Electrophysiology.

Yung-Yang Lin
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Neurophysiology, Clinical Neurology, Neuroscience

Fu-Chin Liu
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Neural development and plasticity of the basal ganglia circuits in the mammalian forebrain

Ching-Liang Lu
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Visceral pain, Brain-GUT interaction

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Brain imaging, Experimental and clinical pain, Pain modulation

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The study of molecular mechanisms and development of potential therapies of neurological diseases

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Psychopharmacology, Molecular Psychiatry, Geriatric
Psychiatry, Neuroimage

Jin-Wu Tsai  
Ph.D., Cellular, Molecular, and Biophysical Studies, Columbia University, New York, USA  
Cellular and molecular mechanisms of brain development and neural degeneration using advanced microscopy

Meei-Ling Tsaur  
Ph.D., Molecular & Cell Biology, University of Texas at Dallas, USA  
Pain and neural development

Huey-Jen Tsay  
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Insulin resistance and neuroinflammation in Alzheimer’s disease

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Headache, Pain, Dementia

Shih-Wei Wu  
Ph.D., Experimental psychology, New York University, USA  
Neural mechanisms and computations of decision-making

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Center for Dynamical Biomarkers and Translational Medicine, National Central University, Chungli, Taiwan  
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Ph.D., Department of Biochemistry, Molecular Biology and Biophysics, University of Minnesota, Twin Cities, Minnesota, USA  
Neurodegeneration and neuroprotection, molecular and cellular neurobiology

National Cheng Kung University

Nan-Shan Chang  
Ph.D., Medical University of South Carolina, USA  
Neurodegeneration

Po-See Chen  
M.D., Ph.D., Institute of Basic Medical Sciences, National Cheng Kung University, Taiwan  
Psychiatry; Neuropsychopharmacology; Pharmacogenomics; Social Neuroscience

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Lu-Shiuin Her  
Ph.D., University of Wisconsin-Madison, USA  
Molecular and Cellular Neuroscience

Shulan Hsieh  
D.Phil. (Oxon), Department of Experimental Psychology, Oxford University, UK  
Cognitive Neuroscience; Clinical and Cognitive Neuropsychology; Electrophysiology; Neurorehabilitation; fMRI; Aging; Attention; Sleep and Cognition; Emotion and Cognition; Cognitive Control

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Axonal regeneration, Spinal cord injury, Neuronal development, Astrocyte biology

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Ph.D., Graduate Institute of Pharmacology, National Taiwan University, Taiwan  
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Ph.D., National Defense Medical Center, Taiwan  
Molecular neuroscience, Molecular biology, Cell biology, Behavioral Physiology

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Pediatric Neurology, Central nervous infection, Clinical Neuroscience

Chin-Wei Huang  
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Epilepsy, clinical neurology

Chun-Chia Kung  
Ph.D., Department of Cognitive, Linguistic, and Psychological Sciences, Brown University, USA  
Functional Magnetic Resonance Imaging, Face and Object Recognition, Vision-related topics

Yu-Min Kuo  
Ph.D., Molecular and Cellular Biology, Arizona State University, USA  
Alzheimer’s disease; Pathophysiology, Biomarker, Treatment strategy; Effect of exercise on brain function; Neurogenesis, Synaptic plasticity, Learning and memory; Neurotrophic protection

Chou-Ching Lin  
Ph.D., Biomedical Engineering, Case Western Reserve University, USA  
Electroneurophysiology

Chun-Yu Lin  
Ph.D., Psychology, University of Arizona, USA  
Human Memory; Neuroimaging techniques, especially fMRI; Cognitive Neuroscience; Consciousness

Pei-Jung Lu  
Pharm.D., University of Kentucky, USA  
Signal Transduction, Tumor Biology

Ru-Band Lu  
M.D., National Defense Medical Center, Taipei, Taiwan  
Psychopharmacology; Substance use disorders; Biological Psychiatry

Ming-Chyi Pai  
Ph.D. (M.D.), Psychology, National Chung Cheng University, Taiwan  
Dementia, Behavioral Neurology, Cognitive Science, Clinical Neurology

Fu-Zen Shaw  
Ph.D., Department of Electrical Engineering, National Taiwan University, Taiwan  
Electrophysiology, Epilepsy, Sleep, Pain, Memory

Kuen-Jer Tsai  
Ph.D., Graduate Institute of Life Sciences, National Defense
Medical Center/Academia Sinica, Taiwan
Pathogenesis and Treatments of Neurodegenerative Diseases, Dementia, Stroke, Neural Disease Animal Models

Chia-Ching (Josh) Wu
Ph.D., Biomedical Engineering, National Cheng Kung University, Taiwan
Stem Cell therapy for CNS and PNS diseases, Tissue Engineering and regenerative medicine, Mechanobiology

Shang-Hsun Yang
Ph.D., Genetics and molecular biology, Emory University, USA
Neurodegeneration disease, molecular biology, animal modeling

Yen Kuang Yang
M.D., College of Medicine, Kaohsiung Medical University, Taiwan
Biological psychiatry, Neuroimaging, Behavioral medicine

Requirements for the Ph.D. Degree

Courses and Curriculum

1. All graduate students in the program are required to take a number of common courses as part of the core curriculum for the INS graduate Program. Curriculum includes:
   - Required courses:
     - Introduction to Neuroscience (3 credits)
     - Neuroscience Seminar (1 credit per semester; students must complete a total of 4 credits within the first two years)
     - Interdisciplinary Neuroscience Lecture (1 credit per semester; students must complete a total of 2 credits within the first year)
     - Laboratory Rotations (2 credits; students must complete two laboratory rotations in their first year)
     - Elementary Chinese Course (0 credit; international students from non-Chinese speaking countries are required to take one year course of Mandarin Chinese)
   - Elective Courses:
     - Neural Development (2 credits)
     - Neuroscience Thesis Writing and Presentation (1 credit)
     - Introduction of Research Techniques in Neuroscience (2 credits)
     - Electrophysiology Workshop (2 credits)
     - Any related courses can be selected from TIGP programs, NYMU, and NCKU.

2. Electives can be selected from courses offered by this program and other related courses from NYMU, NCKU, and TIGP programs at Academia Sinica.

3. For students entering with a master's degree, at least 18 credits (thesis credits excluded) of formal coursework are required.

4. For students entering the program with a bachelor's degree, 30 credits (thesis credits excluded) of formal coursework are required. Evaluation by the admission committee is required for students holding a bachelor's degree to advance into the Ph.D. program at the end of their first year of matriculations.

5. Ph.D. students in this program are limited to two to seven years of study to finish their degree.

Qualifying Exam

TIGP-INS Qualifying Exam (QE) will be held in August and September every year. Students should take the QE before the start of the second academic year. Students who have completed and passed all required courses in the first year are eligible to apply to complete the QE. Students should submit their completed applications with an abstract of their doctoral research project to the TIGP-INS by June 1 of the first year and turn in a full thesis research proposal by July 31 after the application is accepted. The oral presentation should take place by September 30.

Standards for passing the Qualifying Examination are as follows: (a) Two-third (including two-third) of all attending committee members should vote to pass; and (b) the student must have a grade point average of at least 70.

Applicants who do not pass the qualifying examination on the first try should apply for re-examination in the following semester. The abstract of the research project should be submitted to the TIGP-INS office by November 1, and the thesis proposal should be submitted by December 31. The oral presentation should be completed by February 29 of the next year.

Thesis Research

Lab Rotation

Students need to complete at least two laboratory rotations of two months each and choose their thesis advisors by the end of their first year. Students will be advised by the Student Affairs Committee before they choose their thesis advisors. All students are required to select their advisors before the beginning of the spring semester in their second year.

Thesis Advisor

Students are required to select two thesis advisors from different campuses (Academia Sinica, NCKU/NYMU). One advisor is the primary advisor and the other is the co-advisor. These thesis advisors can be selected from any assistant professor/research fellow or above who are members of this program.

Program Review

After successful completion of the qualifying examination, Ph.D. candidates should meet with their Thesis Advisory Committee every year to assess their thesis progress.

Degree Requirements

1. Completion of course requirement: 18 credits of coursework are required for students entering with a master's degree and 30 credits for students with a Bachelor's degree.

2. Pass the Degree Pre-examination: Ph.D. candidates need to apply to the "Degree Pre-examination" by submitting the application form, 2 recommendation letters from thesis advisors, an initial draft of their complete thesis, and other evidences of scholarly achievements before the Degree Examination. After reviewing all the supporting documents, the candidate will be permitted to give an oral presentation.
Successful completion requires the agreement of 80% or more of the Degree Pre-examination Committee. Candidates who fail the pre-examination can apply for reexamination. Only one re-examination is permitted. Students who fail the re-examination should withdraw from the program.

(3) Pass the Degree Examination

**Admission Requirements**

The INS program offers a wide range of research opportunities in neuroscience. Students with backgrounds in biochemistry, biology, chemistry, engineering, genetics, medicine, molecular biology, physics, and related fields are encouraged to apply.

1. Eligibility and Certificate of Degree

Students (international or Taiwanese) with bachelor’s or master’s degree from accredited institutions are eligible to apply for the Ph.D. program.

All applicants are required to submit certification of the highest degrees from each academic institution attended. Unless diplomas are issued in English by the institution, the official records in their original language must be submitted with an authorized, complete, and exact English translation. Certificates for degrees from institutions in Taiwan can be in Chinese. Official records are defined as original documents issued by the institution that bear the actual signature of the registrar (not a photocopy) and the seal of the issuing institution.

2. English Requirements

Applicants whose first or native language is not English are required to submit scores for the Test of English as a Foreign Language (TOEFL), the International English Language Testing System (IELTS), or the General English Proficiency Test (GEPT) as part of the application packet. The test of English proficiency can be waived for applicants whose first or native language is English or have been otherwise determined to be qualified.

Unless diplomas are issued in English by the institution, the official records in their original language must be submitted with an authorized, complete, and exact English translation. Certificates for degrees from institutions in Taiwan can be in Chinese. Official records are defined as original documents issued by the institution that bear the actual signature of the registrar (not a photocopy) and the seal of the issuing institution.

2. English Requirements

Applicants whose first or native language is not English are required to submit scores for the Test of English as a Foreign Language (TOEFL), the International English Language Testing System (IELTS), or the General English Proficiency Test (GEPT) as part of the application packet. The test of English proficiency can be waived for applicants who have recently completed two or more years of study in an English-speaking country or have graduated from a university where English is the primary language (official certification should be provided).

Under special circumstances, applicants who have difficulty submitting TOEFL, IELTS, or GEPT scores on time but who have been otherwise determined to be qualified for graduate study may be admitted conditionally to the program.

1. TOEFL: total score of 79 on the internet-based exam (TOEFL-iBT), 213 on the computer-based TOEFL, or 550 on the paper-based TOEFL is strongly recommended as the minimum admission requirement for all programs. Please note that an institutional TOEFL will not be accepted; only ETS international TOEFL scores will be accepted.

2. IELTS: minimum overall Band Score of 5.5 on the Academic Test of International English Language Testing System (IELTS) taken within the past two years is required.

3. GEPT: In lieu of the TOEFL and IELTS, applicants in Taiwan may take the General English Proficiency Test (GEPT), administered by the Language Training and Testing Center. Applicants using this option must submit their high-intermediate level certificate with the application. The recommended scores for the TOEFL, IELTS, and GEPT are summarized as follows:

<table>
<thead>
<tr>
<th>Test</th>
<th>TOEFL</th>
<th>IELTS</th>
<th>GEPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet-based</td>
<td>79</td>
<td>5.5</td>
<td>High-intermediate level</td>
</tr>
<tr>
<td>Computer-based</td>
<td>213</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper-based</td>
<td>550</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. The Graduate Record Examination (GRE)

All applicants are strongly recommended to take the GRE General Test. However, if you have difficulty in taking the exam on time, please contact us and provide us with supplementary information (e.g., master thesis, research publications, and description of research experiences) that can demonstrate your potential in research. Your qualifications will be reviewed by the admission committee.

4. Two Letters of Recommendation

Two letters of recommendation are required. Applicants are not permitted to inspect letters of recommendation.

5. Academic Transcripts

Official transcripts of courses, including grades and grading scales, must be sent directly by the registrar of the institutions or submitted with the application form in sealed envelopes. An explanation for any non-standard grading system is highly recommended.

6. Statement of Purpose and Study Plan

The statement of purposes should comprise a brief statement of the scientific interests and career goals, together with a description of past accomplishments that are not evident from other documents submitted. If applicable, the result of any research in progress may be specified.

7. Other Evidence of Scholarly Achievements

Please provide your M.S. thesis, research publications, and descriptions of research experiences to evaluate by the INS Admission Committee.

8. Interview

After reviewing all the supporting documents mentioned above, qualified candidates will be invited for interview. Local candidates will be asked to come to Taipei, whereas international students will have a phone/skype interview.

Application can be submitted through the on-line application system (recommended) http://db1x.sinica.edu.tw/tigp/index.php or by post to:

TIGP Office of Admission
Taiwan International Graduate Program
No. 128, Sec.2, Academia Road,
Nankang, Taipei 11529
Taiwan

The submitted application materials will not be returned to applicants under any circumstances. The complete application materials should be received by TIGP before March 31.
Fellowship and Stipends

TIGP provides fellowship support for all graduate students during the first year of their enrollment at about NT$34,000 (about US$1,133) per month. The support will be extended for another two years upon evidence of satisfactory progress towards the degree. In subsequent years, the financial support will be provided by the student's thesis advisor. The amount of the support will be at the discretion of the advisor.

Cost of Study

For students enrolled in NYMU, tuition fees are approximately NT$62,360 (US$2,079; credit fee included) per semester for international students in the first two years. From the third year, the tuition fees are about NT$30100 (US$1003) for the basic fee and about NT$3120 (US$104) for the credit fees. A 50% subsidy for the basic fee will be granted for the first year and students are required to receive a grade point average of at least 70 from the second year.

For students enrolled in NCKU, the tuition fees include the basic fee (about NT$44010/US$1467) and the credit fees (about NT$2400/US$80) per semester for international students. Scholarship may be provided based on the student’s performance. All the tuition fees included a medical insurance fee for the basic medical coverage.

Medical Insurance

Six months after receiving an Alien Resident Certificate (ARC), students will be qualified to enroll in Taiwan's National Health Insurance Program. Students are expected to pay the same premium (about NT$749/US$25 per month) as all the Taiwan citizens and will be entitled to the same medical coverage. The medical insurance will be added in the tuition bill.

Living and Housing Costs

Both Chinese and Western-style meals are available at reduced cost at the cafeteria and Café Sinica of the Activity Center in Academia Sinica.

The Sport Center in Academia Sinica is equipped with jogging track, gym, swimming pool, aerobic court, tennis court, badminton court, and basketball court. The entrance fee for students to access the jogging track, gym, and swimming pool is NT$50 (about US$1.5) per person, and there is an additional charge for accessing courts.

The Academia Sinica International Student Dormitory provides accommodation for first-year students. The rent for a single room is NT$5,500 (about US$170) per month. Please note that there is an additional charge for a car parking space of NT$1,000 (about US$30) per month.

Correspondence and Information

For information concerning this program, please contact:
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Program Homepage:
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Please visit our website for updated information.

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