ACADEMIA SINICA
Taiwan International Graduate Program

We offer an excellent opportunity for those wishing to do advanced research in a mature, highly regarded, international academic setting. We look forward to seeing you on campus.
Preface

To keep up with the pace of today’s fast evolving scientific and technological world and to promote the internationalization of higher education in Taiwan, Academia Sinica established the Taiwan International Graduate Program (TIGP) in 2002, in collaboration with a consortium of key national research universities. The interdisciplinary Ph.D. programs offered by TIGP are designed to provide advanced scientific training and research environments for those who wish to do advanced research, to think critically and to experience a mature international academic setting. Since its inception, under the stewardship of the successive directors, TIGP has grown in the number of interdisciplinary programs and expanded in the global distribution of students – currently, there are about 537 students from around 44 countries studying at TIGP.

Why TIGP?

- TIGP is under the supervision of Academia Sinica, a government-funded foremost research institution with a proud tradition and international recognition.
- TIGP, in cooperation with top research universities in Taiwan, offers highly specialized, interdisciplinary Ph.D. programs at the cutting edge of science and technology.
- TIGP offers all-English teaching and research environment with world-class faculty and state-of-the-art facilities.
- TIGP offers graduate fellowships (NT$34,000/month) to each admitted student for up to 3 years.
Ph.D. programs

The interdisciplinary Ph.D. programs offered:

1. Chemical Biology and Molecular Biophysics
   http://proj1.sinica.edu.tw/~tigpcbmb/index.htm
2. Molecular Science and Technology
   http://tigp.iams.sinica.edu.tw/
3. Molecular and Biological Agricultural Sciences
   http://abrc.sinica.edu.tw/mbas/
4. Molecular and Cell Biology
   http://www.imb.sinica.edu.tw/mcb/
5. Bioinformatics
   http://tigpbp.iis.sinica.edu.tw/
6. Nano Science and Technology
   http://www.phys.sinica.edu.tw/TIGP-NANO/
7. Molecular Medicine
   http://www.ibms.sinica.edu.tw/mmp/
8. Earth System Science
   http://www.rcec.sinica.edu.tw/tigp-ess/
9. Biodiversity
   http://biodiv.sinica.edu.tw/TIGP-BP
10. Interdisciplinary Neuroscience
    http://npas.programs.sinica.edu.tw/ins/
11. Sustainable Chemical Science and Technology
    http://tigp-scst.chem.sinica.edu.tw
12. Social Networks and Human-Centered Computing
    http://tigpsnhcc.iis.sinica.edu.tw

Our Partner Institutions

To ensure the best teaching support and intellectual environment, TIGP provides world-class faculty and state-of-the-art facilities by working closely with prestigious local universities (listed below) and prominent researchers with respective expertise.

Programs | Academia Sinica Institutes | Partner Universities /Associated Institution(s)
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Chemical Biology and Molecular Biophysics in Drug Discovery and Biotechnology | 1. Institute of Biological Chemistry 2. Institute of Chemistry 3. Genomics Research Center 4. Institute of Molecular Biology 5. Institute of Biomedical Sciences 6. Institute of Plant and Microbial Biology 7. Institute of Physics 8. Research Center for Applied Sciences | National Taiwan University 1. Institute of Biochemical Sciences 2. Department of Chemistry National Tsing Hua University 1. College of Life Sciences 2. Department of Chemistry National Central University 1. Institute of Atomic and Molecular Sciences 2. Institute of Chemistry National Taiwan University 1. Institute of Biochemical Sciences 2. Department of Chemistry National Tsing Hua University 1. College of Life Sciences 2. Department of Chemistry National Central University 1. Department of Physics National Taiwan University 1. Molecular Science and Technology Program
<table>
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<tr>
<th>Programs</th>
<th>Academia Sinica Institutes</th>
<th>Partner Universities /Associated Institution(s)</th>
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<tbody>
<tr>
<td><strong>Molecular and Cell Biology</strong></td>
<td>Institute of Molecular Biology</td>
<td>National Defense Medical Center&lt;br&gt;<a href="http://www.ndmctsgh.edu.tw">http://www.ndmctsgh.edu.tw</a>&lt;br&gt;Graduate Institute of Life Sciences</td>
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<tr>
<td><strong>Bioinformatics</strong></td>
<td>1. Institute of Information Science&lt;br&gt;2. Institute of Biomedical Sciences&lt;br&gt;3. Institute of Statistical Science&lt;br&gt;4. Biodiversity Research Center&lt;br&gt;5. Genomics Research Center&lt;br&gt;6. Agricultural Biotechnology Research Center&lt;br&gt;7. Institute of Chemistry&lt;br&gt;8. Institute of Plant and Microbial Biology&lt;br&gt;9. Research Center for Applied Sciences&lt;br&gt;10. Research Center for information Technology</td>
<td>National Yang-Ming University&lt;br&gt;<a href="http://web.ym.edu.tw/bin/home.php">http://web.ym.edu.tw/bin/home.php</a>&lt;br&gt;Institute of Biomedical Informatics&lt;br&gt; National Tsing Hua University&lt;br&gt;<a href="http://www.nthu.edu.tw">http://www.nthu.edu.tw</a>&lt;br&gt;Institute of Bioinformatics and Structural Biology&lt;br&gt;National Chiao Tung University&lt;br&gt;<a href="http://www.nctu.edu.tw">http://www.nctu.edu.tw</a>&lt;br&gt;Institute of Bioinformatics and Systems Biology&lt;br&gt;National Taiwan University&lt;br&gt;<a href="http://www.ntu.edu.tw">http://www.ntu.edu.tw</a>&lt;br&gt;Graduate Institute of Biomedical Electronics and Bioinformatics</td>
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<tr>
<td><strong>Nano Science and Technology</strong></td>
<td>1. Institute of Physics&lt;br&gt;2. Institute of Chemistry&lt;br&gt;3. Institute of Atomic and Molecular Sciences&lt;br&gt;4. Research Center for Applied Sciences</td>
<td>National Taiwan University&lt;br&gt;<a href="http://www.ntu.edu.tw">http://www.ntu.edu.tw</a>&lt;br&gt;1. Department of Chemistry&lt;br&gt;2. Department of Physics&lt;br&gt; National Tsing Hua University&lt;br&gt;<a href="http://www.nthu.edu.tw">http://www.nthu.edu.tw</a>&lt;br&gt;Department of Engineering and System Science</td>
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<tr>
<td><strong>Molecular Medicine</strong></td>
<td>Institute of Biomedical Sciences</td>
<td>National Yang-Ming University&lt;br&gt;<a href="http://web.ym.edu.tw/bin/home.php">http://web.ym.edu.tw/bin/home.php</a>&lt;br&gt;Program in Molecular Medicine</td>
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<tr>
<td><strong>Earth System Science</strong></td>
<td>1. Research Center for Environmental Changes&lt;br&gt;2. Institute of Earth Sciences</td>
<td>National Central University&lt;br&gt;<a href="http://www.ncu.edu.tw">http://www.ncu.edu.tw</a>&lt;br&gt;College of Earth Sciences</td>
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<td><strong>Biodiversity</strong></td>
<td>Biodiversity Research Center</td>
<td>National Taiwan Normal University&lt;br&gt;<a href="http://www2.ntrn.edu.tw/en/index.php">http://www2.ntrn.edu.tw/en/index.php</a>&lt;br&gt;Department of Life Science</td>
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<td><strong>Interdisciplinary Neuroscience</strong></td>
<td>Neuroscience Program of Academia Sinica (NPAS)</td>
<td>National Yang-Ming University&lt;br&gt;<a href="http://web.ym.edu.tw/bin/home.php">http://web.ym.edu.tw/bin/home.php</a>&lt;br&gt;School of Life Sciences&lt;br&gt; National Cheng Kung University&lt;br&gt;<a href="http://www.ncku.edu.tw/">http://www.ncku.edu.tw/</a>&lt;br&gt;Institute of Clinical Medicine&lt;br&gt;National Taiwan University&lt;br&gt;<a href="http://www.ntu.edu.tw">http://www.ntu.edu.tw</a>&lt;br&gt;Department of Life Science</td>
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<td><strong>Sustainable Chemical Science and Technology</strong></td>
<td>Institute of Chemistry</td>
<td>National Chiao Tung University&lt;br&gt;<a href="http://www.nctu.edu.tw/">http://www.nctu.edu.tw/</a>&lt;br&gt;Taiwan International Graduate Program of Sustainable Chemical Science and Technology</td>
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<tr>
<td><strong>Social Networks and Human-Centered Computing</strong></td>
<td>Institute of Information Science</td>
<td>National Tsing Hua University&lt;br&gt;<a href="http://www.nthu.edu.tw">http://www.nthu.edu.tw</a>&lt;br&gt;Institute of Information System and Applications&lt;br&gt;National ChengChi University&lt;br&gt;<a href="http://www.nccu.edu.tw/">http://www.nccu.edu.tw/</a>&lt;br&gt;College of Science</td>
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Requirements and Admission Criteria

1. Bachelor’s Degree and/or Master’s Degree (Some programs only accept applicants with Master’s degree, please check each program's admission requirements).
2. English Proficiency Test Score: TOEFL, IELTS or GEPT
3. GRE Score (optional)
4. Transcripts (Please provide an explanation for any non-standard grading system)
5. Three Letters of Recommendation
6. Statement of Purpose

English Proficiency

Applicants whose first or native language is not English are required to take a test of English proficiency as part of the application procedure. One of the following language test scores must be provided for application and the minimum requirements are summarized as follows:

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<tr>
<th>Test Type</th>
<th>TOEFL Score</th>
<th>IELTS Score</th>
<th>GEPT Level</th>
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<tbody>
<tr>
<td>Internet-based TOEFL (TOEFL-iBT)</td>
<td>79</td>
<td>5.5 *</td>
<td>High-intermediate level</td>
</tr>
<tr>
<td>Paper-based</td>
<td>550</td>
<td></td>
<td></td>
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</table>

* The minimum IELTS requirement for Bioinformatics Program is 6.0.

Exemption from the English proficiency requirement

The test of English proficiency can be exempted for applicants graduated from universities where English is the primary language of instruction, if the applicant provides an official certification issued by the university’s registrar office. The eligibility of exemption is subject to each program.

Student Status and Degree/Certificate Conferral Policy

Based on the regulations of the Ministry of Education, students will officially register with our partner universities. Upon completion of the program, each student will receive a Ph.D. degree from the partner university and a TIGP Certificate signed by the President of Academia Sinica and the Director of TIGP.
Stipend and Living

- TIGP provides fellowship support of NT$34,000 (about US$1060) per month for all graduate students during the first year of their enrollment. 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.
- Living and housing costs: On-campus self-catering student dormitory costs NT$5,500/ month per single room. Off-campus private housing is generally more expensive, with monthly rents ranging from NT$5,000-15,000 for single rooms, NT$12,000-20000 for apartments with 2-3 rooms. Meals are available at modest costs at various eateries on and around the campus of Academia Sinica.

Contact Us

For general enquiries of TIGP and application, please contact TIGP Office:
Ms. Huan-Yi Shen
TEL: 886-2-2789-8050
E-mail: tigp@gate.sinica.edu.tw

For enquiries concerning a specific Ph.D. program, please contact the program coordinator/assistant:

- **Chemical Biology and Molecular Biophysics**
  Coordinator: Dr. Chun-Hung Lin
  Program Assistant: Ms. Elveira Lin
  Tel: 886-2-2785-5696 ext. 1164
  E-Mail: elvelin@gate.sinica.edu.tw

- **Molecular Science and Technology**
  Coordinator: Dr. Jer-Lai Kuo
  Program Assistant: Ms. Jennifer Ma
  Tel: 886-2-2362-4938
  E-Mail: jennifer@gate.sinica.edu.tw

- **Molecular and Biological Agricultural Sciences**
  Coordinator: Dr. Kuo-Chen Yeh
  Program Assistant: Ms. Jennifer Wu
  Tel: 886-2-2652-2928
  E-Mail: mbastigp@gate.sinica.edu.tw

- **Bioinformatics**
  Coordinator: Dr. Wen-Lian Hsu
  Program Assistant: Ms. Rebecca Wu
  Tel: 886-2-2788-3799 ext. 2356
  E-Mail: tigp.bio@gmail.com

- **Molecular and Cell Biology**
  Coordinator: Dr. Wen Chang
  Program Assistant: Ms. Jessica Shih
  Tel: 886-2-2789-9972
  E-Mail: jshih@imb.sinica.edu.tw
  Program Assistant: Ms. Linda Chen
  Tel: 886-2-2789-9980
  E-Mail: hsiao0703@imb.sinica.edu.tw

- **Nano Science and Technology**
  Coordinator: Dr. Chia-Seng Chang
  Program Assistant: Ms. Flora Wu
  Tel: 886-2-2789-8794
  E-Mail: lhwu@phys.sinica.edu.tw

- **Molecular Medicine**
  Coordinator: Dr. Sheau-Yann Shieh
  Program Assistant: Ms. Megan Huang
  Tel:886-2-2789-9114
  E-Mail: tigpmmp@ibms.sinica.edu.tw

- **Earth System Science**
  Coordinator: Dr. Huang-Hsiung Hsu
  Program Assistant: Ms. Yuwen Chen
  Tel: 886-2-2653-9885 ext. 851
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- **Biodiversity**
  Coordinator: Dr. Sen-Lin Tang
  Program Assistant: Ms. Vanessa Chen
  Tel: 886-2-2787-2234
  E-Mail: tigpbiodiv@gate.sinica.edu.tw

- **Interdisciplinary Neuroscience**
  Coordinator: Dr. Cheng-Ting Chien
  Program Assistant: Ms. Ya-Jen Cheng
  Program Assistant: Ms. Vira Yang
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  E-Mail: tigpins@gate.sinica.edu.tw

- **Sustainable Chemical Science and Technology**
  Coordinator: Dr. Chin-Ti Chen
  Program Assistant: Ms. Elyse Huang
  Tel: 886-2-2789-8510
  E-Mail: elyse@gate.sinica.edu.tw

- **Social Networks and Human-Centered Computing**
  Coordinator: Dr. Mark Liao
  Program Assistant: Ms. Chia-Chien Hsiao
  Tel: 886-2-2788-3799 ext. 2303
  E-Mail: tigp.snhcc@gmail.com