Institute of SCIENCE TOKYO

2-12-1 Ookayama, Meguro-ku, Tokyo
152-8550 Japan
TEL +81-3-3726-1111 FAX +81-3-3726-1111
https://www.isct.ac.jp

Application Guidelines

Global Green Innovators Development Program in the Semiconductor Field

(GIS Program)

Toyohashi University of Technology
Institute of Science Tokyo (Formerly Tokyo Institute of Technology)



TOYOHASHI UNIVERSITY OF TECHNOLOGY

Institute of SCIENCE TOKYO

Under **a MEXT Inter-University Exchange Project (Europe) grant**, Toyohashi University of Technology (TUT) and Institute of Science Tokyo will further expand their partnership and offer a new exchange program for AY 2024-2028.
As a joint initiative between TUT and Science Tokyo, the GIS Program offers students the opportunity to study at either institution. Choose the university with the laboratory whose field best matches your own area of research.
The program fee is waived regardless of which university you choose. Students are equally eligible to apply for the JASSO scholarship at either university, and all eligible GIS Program student applicants are considered equally.

Note that TUT and Science Tokyo follow a separate admission and enrollment process. The guidelines below describe the application process for Science Tokyo. Students interested in participating in the exchange program at TUT should contact its related program office. (tut-iuep@office.tut.ac.jp)

Hosting International Students at Science Tokyo

GIS Program Overview

- **Objective**: Equip students with advanced semiconductor skills to drive sustainable innovation.

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- **Format**: Lab-based Research at Science Tokyo

  *The applicant can also take courses at Science Tokyo during the period.

- **Partners**: 5 European universities and Integrated Green-niX College (TUT and Science Tokyo).

- **Key Features**: International Exchange: Research at Science Tokyo

Collaborating with 5 European universities and the Integrated Green-niX College in Japan, this program provides students with practical semiconductor expertise and cross-border experience needed to lead sustainable technology innovations. *About Integrated Green-niX College

Completion Requirements

To successfully complete the GIS program, participants must:

1. Conduct research at their host laboratory at Science Tokyo
2. Take at least one course related to Integrated Green-niX College offered by Science Tokyo during the program. The course list for the Integrated Green-niX College will be provided at the beginning of each semester. (Participants may take other courses as well)
3. Complete the course: “Fundamental Integrated Green-niX 1a” course or “Fundamental Integrated Green-niX 1b” course offered by TUT, Toyohashi, Aichi
   - Fundamental Integrated Green-niX 1a: **Two days in July or November**
   - Fundamental Integrated Green-niX 1b: **Five days in November**

   Syllabus for Fundamental Integrated Green-niX 1:
   https://science-tokyo.box.com/s/jnzfwj5g1v3gp2vkm4atuisawg4dgt41

   ***Note: Hands-on Semiconductor Fabrication at IRES²**

   At IRES², the Institute for Research on Next-generation Semiconductor and Sensor Science at Toyohashi University of Technology, students from Japan and Europe work together on hands-on semiconductor fabrication training using integrated, end-to-end facilities. This practical experience is one of the popular components of the GIS program among European students, offering a unique opportunity to learn semiconductor fabrication through collaboration and hands-on practice.

   IRES²: https://www.eiiris.tut.ac.jp/en/

Period of Stay

One semester or One year

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Application Deadline

Spring Enrollment (starting in April): December 10 (of the preceding calendar year)

Fall Enrollment (starting in late September): June 10

Eligibility

Master's degree students currently enrolled at one of the partner universities listed below:

Partner Universities

- **University of Stuttgart**
  - Students from the University of Stuttgart are coordinated through their university's International Office. Please contact the International Office to check the application status.
- **University of Technology of Troyes**
- **Ulm University**
- **The University of Sheffield**
- **The Technical University of Madrid**

Language Requirements

Proficiency in English is required. Submission of an official test score report from TOEFL, TOEIC, IELTS, or an equivalent document (PDF) is required. Native English speakers are exempt from submitting English test scores.

Program Fees (Tuition fee, Enrollment, Application)

Waived

Financial Support

JASSO Scholarship (JPY 80,000 per month)
(GPA Requirement: at least 2.3 on a 3.0 scale)

Details and Eligibility:

- **Availability:** JASSO scholarship support may become available depending on overall funding allocation and budget availability. Eligible candidates will be notified if additional slots open.
- **Restrictions on other scholarships:** Applicants receiving other scholarships exceeding JPY 80,000 per month (or equivalent) are **not eligible** to receive this scholarship.

Estimated program costs to be borne by participants

- Round-trip airfare

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- Local Transportation
- Japan's National Health Insurance (5,700 yen for 6 months)
- Visa, Meals, Travel Documents (passport, photos)
- Miscellaneous Personal Expenses

Accommodation

For students who have submitted a request to move into a Science Tokyo dormitory through the online application, the Global Education Division will request that the department in charge of university dormitories will allocate a room for them. (Students are not required to apply for dormitories individually.) Students will be notified by email 1 to 1.5 months prior to enrollment whether or not they will be able to move into the dormitory. In that case, please follow the instructions in the email. We do not accept changes of dormitories assigned to applicants. However, as room availability is limited, it is advised the students prepare to look for an alternative accommodation in advance.

Further Information on Dormitories and other accommodation:
Dormitories and other accommodation
Science Tokyo Housing Support is also available.

Application Procedure

Step 1. Find an academic supervisor at Science Tokyo

Before beginning the online application process, applicants are required to contact a desired academic supervisor at Science Tokyo directly, and obtain approval from him/her. On the online application form, applicants need to submit evidence such as an email message or a letter indicating that the Science Tokyo professor agrees to be the applicant's academic supervisor.

When applicants contact faculty members, please attached the following letter to your email to help them understand which program you are participating.
Support Letter: https://science-tokyo.box.com/s/0ry2e0hrsjw1hpfsv4816emuu11am7gx

Integrated Green-niX College lab list at Science Tokyo

The following is the list of laboratories that can accept students. Applicants should select a laboratory where they wish to stay at Science Tokyo from this list, contact the laboratory directly, and obtain their acceptance approval before proceeding your application.

- List of Laboratories Available for Hosting for GIS Program at Science Tokyo

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Step 2. Submit the required application materials online.

Prior to starting an application, contact the Global Education Division to obtain necessary information for logging in to the online application form and send the email consent of a Science Tokyo Faculty Member (email is enough).

Global Education Division: inbound@adm.isct.ac.jp

- Application Deadline
  - **Spring Enrollment (starting in April)**: December 10 (of the preceding calendar year)
  - **Fall Enrollment (starting in late September)**: June 10
    (Ex: For April 2027 enrollment: December 10, 2026)
- Additional Documents (besides answering online application form)
  1. Consent letter from your future academic supervisor at Science Tokyo
  2. Official Transcript in English
  3. Recommendation Letter (Free format) from your academic supervisor from your home university
  4. Verification of Student Status from Home University (Please use the Science Tokyo's Format. The Sample is Here.)
  5. Copy of your Passport
  6. English Proficiency Test Score, or Equivalent Document
  7. Photograph for COE Application and Student ID

Step 3. COE application for your VISA: Three months to one month before enrollment

The Certificate of Eligibility (COE) will be sent to you from the Global Education Division of Science Tokyo. Science Tokyo will apply on behalf of applicants for a Certificate of Eligibility (COE) after they complete the application procedures. There may be cases, however, where the COE application is rejected by the Immigration Services Agency of Japan. Those without a COE will not be permitted to enter Japan and will be dismissed or withdrawn from Science Tokyo if they have already completed the enrollment procedure. Please note that there may also be significant delays in the issuance of COEs.

Step 4. Apply for your visa on your own with the COE which you have received: Two months to one month before enrollment

Visa application processing time is expedited when you submit a COE with your visa application. Click HERE for information on applying for your visa with a COE.

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Contact in Science Tokyo

Global Education Division

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