

UPWARDS Summer Intensive Program at Nagoya University(2024 pilot program)



Nagoya University will offer a two-week summer program in Nagoya, Japan that focuses on cutting-edge semiconductor technologies.

Highlights include:

- 1. Opportunity to conduct experiments in multiple laboratories and participate in tours of facilities like CIRFE Transformative Electronics Facilities, the Center for Low-temperature Plasma Sciences, and several Clean Rooms.**
- 2. Introductory lectures on semiconductors and presentations by both faculty and students about their research.**
- 3. Visits to semiconductor-related companies and factories in the Chubu industrial cluster district.**

Participants will have the chance to:

- Work together with both undergraduate and graduate students from Nagoya University on research related to semiconductor technologies.
- Receive a thorough debrief on the experimental experience conducted in the labs.
- Join a campus tour and immerse in Japanese culture.



DATE From Monday July 29 to Friday August 9, 2024

LOCATION Nagoya University, Nagoya, Japan

MAXIMUM ENROLLMENT 1~3 students per university
(up to 12 students in total)

COST Approximately \$ 3,200 USD per student
(subject to change)

ELIGIBILITY Students currently enrolled in undergraduate and graduate programs at an UPWARDS member university and do not require a visa to enter Japan



Nagoya University

Nagoya University is among the seven prestigious former Imperial Universities in Japan. With a reputation as the leading research and education institution in Central Japan, Nagoya University is home to 16,000 full-time students, including 2,600 international students, and employs 3,200 faculty members. According to Times Higher Education, Nagoya University was ranked as the sixth top university in Japan in 2024. Six Nobel Prize laureates have been affiliated with Nagoya University.

Contact us

Nagoya University UPWARDS members | E-mail: upwards@t.mail.nagoya-u.ac.jp |

Curriculum

- Tour of research facilities at Nagoya University's HIGASHIYAMA campus
- Introduction to sample preparation process and material analysis
- Discussions with faculty, researchers, and graduate students in semiconductor research laboratories
- Tours of semiconductor and/or automotive electronics companies in the Tokai region
- Credits will not be awarded in this program

Eligibility

- **Undergraduate student in electrical engineering, applied physics, or materials engineering; Preferably with knowledge of electronics, solid-state physics, or materials science.**
- **Graduate student in STEM field interested in semiconductor engineering.**

Housing for students

- International Residence Yamate South
10 minutes on foot or 2 minutes by bus to the Campus
Room: bed, bed-in-a-bag, wardrobe, closet, desk, chair, desk lamp, air-conditioner, laundry pole, etc.
Unit: dining kitchen, air-conditioner, refrigerator, microwave-oven, launderette, shower, toilet, etc.



International Residence Yamate South

Fee

Approximately \$3,200 USD includes tuition, housing, use of clean room and other equipment, university insurance and travel expenses for off-campus factory visits etc. However, students must pay for their own meals at the Nagoya University cafeteria or campus store. Cost should be around \$3~4USD per meal.



University cafeteria



Campus store

Documents to be submitted through partner university

- ① Document that includes Name, Gender, Class (Freshman, Sophomore, Junior, Senior, Master, PhD), Department of affiliation, Major, Expected year of graduation, E-mail, residential address.
- ② CV
- ③ Motivation and interest in participating in Nagoya University's summer program (approximately 100 words to 200 words)
- ④ Photocopy of passport page which shows the participant's name, date of birth and nationality
- ⑤ Headshot photo in JPG format with adequate pixel size for 3cm-width x 4cm-height
- ⑥ Declaration of Applicable Specific Categories - <https://nuss.nagoya-u.ac.jp/s/Fyb2Bc5zBrisGmA> -

Application deadline and submission of materials

Deadline: **Friday, May 31 at 5 p.m. (Japan Standard Time)**

Please upload documents ① to ⑥ above to the URL below and contact us by E-mail.

Upload URL: <https://nuss.nagoya-u.ac.jp/s/bsffaKiTe7wnm4S>

E-mail: upwards@t.mail.nagoya-u.ac.jp