

Summer Program 2023

Engineering Design for Social Resilience

July 3-July 28 at Tokyo Tech's Ookayama Campus

In 2023, Tokyo Institute of Technology will offer a 4-week summer program consisting of intensive courses for undergraduate students. All participants will have opportunities to learn about Japanese culture while experiencing life in one of the most exciting and technologically advanced cities in the world.

About the program:

Humans and technology can work together to identify societies vulnerabilities for the development of social resilience: the ability to be flexible and recover in the face of numerous global crises such as public health issues like the COVID-19 pandemic, climate change and its impacts like heavy rains, and natural disasters like earthquakes and volcanic eruptions.

This summer program at Tokyo Institute of Technology, which draws in many interested participants, this time will be entitled, “Engineering Design for Social Resilience”. Up-to-date lectures regarding energy, information, health management and social situations in Japan will be included in the program, as well as laboratory activities, a fun Japanese cultural event, and interactive class activities every week. Tokyo Tech offers an opportunity for participants to learn technologies necessary for the near future.

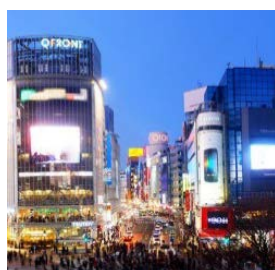
Theme:

Engineering Design for Social Resilience

Schedule: Monday, July 3 – Friday, July 28, 2023 (4 weeks)

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
July 3 Check in to dormitory	July 4 Orientation Welcome reception	July 5 Lecture	July 6 Lecture	July 7 Lecture Cultural exchange	July 8 Free	July 9 Free
July 10 Class activities	July 11 Lecture Lab activity	July 12 Lecture	July 13 Lecture	July 14 Lecture Lab activity	July 15 Free	July 16 Free
July 17 Class activities (Marine Day)	July 18 Lecture	July 19 Lecture	July 20 Lecture Lab activity	July 21 Fieldwork	July 22 Free	July 23 Free
July 24 Class activities	July 25 Prepare for presentation	July 26 Prepare for presentation	July 27 Prepare for presentation	July 28 Final presentations Closing ceremony	July 29 Checkout of dormitory	July 30 Return to home country

*Timetables and lecture content are subject to change.



Program:

- Week 1 Orientation, self-introductions, welcome reception, Japanese cultural exchange
“What Is Social Resilience?” Prof. Miki Saijo (School of Environment and Society)
“Energy & Security” Prof. Jeffery Cross (School of Environment and Society)
- Week 2 “AI & Evacuation” Prof. Takumi Ohashi (School of Environment and Society)
- Week 3 “A Future Sustainable Society of Novel Health Conditioning through Open Innovation” Prof. Nobuhiro Hayashi (School of Life Science and Technology)
- Week 4 Final presentations, closing ceremony

Eligibility:

Undergraduate students majoring in a STEM field who are enrolled at a partner university with which Tokyo Tech has a tuition waiver agreement. Students must have completed at least their first year of university at the time of participation.

Number of Participants:

Approximately 20 in total, including up to 10 from Tokyo Tech

Credits:

1 credit (Breadth Courses)

* Tokyo Tech will issue an academic record and a certificate of completion. Please note that credit transfer methods depend on the student's home university.

Program Expenses:

- Program fee: JPY 50,000
 - Accommodations*: JPY 100,000-150,000 for 4 weeks (to be paid directly to the accommodation management)
 - Trip expenses: Airline ticket and local transportation
 - Living expenses: JPY 100,000-150,000 or more for 4 weeks for food, daily necessities, and utilities
- *Note: Off-campus accommodations will be reserved by Tokyo Tech.

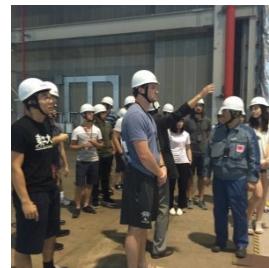
Application Information:

How to apply: Contact staff responsible for international exchange at your home university or institute.

After confirming your eligibility, we will send you the online application form.

Application deadline: **February 15, 2023 at 23:59** (Japan time)

Notification: Applicants will be notified of the results in early March 2023.



Contact:

International Student Exchange Division, Tokyo Institute of Technology

Email: summer.program@jim.titech.ac.jp



Tokyo Tech