

Science and Technology in Japan

School of Science and Technology, Meiji University

OBJECTIVES

Since 2016 Academic Year, School of Science and Technology (SST), Meiji University, has been conducting a short-term summer program, “Science and Technology in Japan” for the second grade or higher undergraduate and graduate students of Meiji University’s partner institutions.

In this program, students will learn various aspects of science and technology in Japan such as electronics, chemical products, architectures etc. through introductory lectures and visits to related companies or research institutes. The students will gain the understanding of the characteristics of Japanese technology in science and engineering field.

The ultimate objective is to support students’ future professional carrier and talent through the utilization of knowledge and experience from the program.

Although we expect to receive applications from students who have profound interests in Japanese industry and culture, we do welcome those who have no experience up to now in Japan or even no knowledge on Japan.

FEATURE OF THE PROGRAM

- ◇ The program consists of both lectures and site visits in order to gain concrete ideas of current situation of science and technology in Japan.
- ◇ Master students of Graduate School of Science and Technology will also attend throughout the program and you will have various opportunities to communicate with them.

PROGRAM SCHEDULE

The program has three parts: (1) Preliminary study, (2) Lectures and site visits, and (3) Final report.

(1) Preliminary study

Students will learn the basics of Japanese society, science and technology by using websites and e-mail exchanges with a lecturer of the program, and submit a report before the program starts.

(2) Lectures and site visits

- 6th July: Orientation
Introduction of Science and Technology in Japan 1
- 7th July: Introduction to Japanese culture, society
Lectures/ site visit on Mechanical Engineering
- 8th July: Lectures/ site visit on Architecture
- 10th July: Lectures/ site visit on Applied Chemistry
- 11th July: Lectures/ site visit on Physics
- 12th July: Lectures/ site visit on Electrical Engineering
Lectures by Master’s Program Graduates
- 13th July: Introduction of Science and Technology in Japan 2
- 14th July: Final presentation and discussion

Examples of past site visit

2016 AY: University of Tokyo, Nissan Yokohama Plant, JR Shinjuku Sta., Anritsu Infivis

2017 AY: University of Tokyo, JFE Steel Co., Toshiba Fuchu Complex, Fixstars

2018 AY: National Institute for Materials Science, Nissan Yokohama Plant, Anritsu Infivis

(3) Final report

Students are required to submit a final report one month after returning to their country.

APPLICATION GUIDELINE

1. Application Criteria

Students are required to;

- 1) be an undergraduate or graduate student enrolled in one of the Meiji University's partner institutions during the program period.
- 2) be a second-year undergraduate student or higher at the start of the program.
- 3) be recommended by their home university.
- 4) attend all day of the program.
- 5) have been confirmed by their home university to have sufficient English language skill to attend classes and complete necessary administrative procedures.
- 6) be approved in advance by their physician, if they have chronic illness or pre-existing medical condition.

2. How to Apply

Please apply from the following website. (Open only for application period)

http://www.meiji.ac.jp/sst/international/stj_application.html

3. Application Period

16th March to 31st March 2023

4. Acceptable Total Number of Participants

Maximum 20 applicants; if there are more than 20 applicants, a selection will be conducted.

5. Language

The whole program will be conducted in English only. Participants are required to have sufficient English language skill.

6. Venue

Lectures will be held at Ikuta Campus of Meiji University. Site visits will also be arranged to off-campus factories and research institutes.

7. Program Fees

There is no fee to participate in this program.

However, participants are responsible for the cost of airfare, accommodation, meals and domestic transportation necessary for site visits. Estimated costs are as follows.

-Meals: About 20,000-30,000 JPY

-Domestic transportation: About 20,000 JPY

8. Accommodation

Students need to arrange their accommodation on their own. Please refer to STJ website for accommodations near major train stations.

<http://www.meiji.ac.jp/sst/international/stj.html>

Other Important Information

1. Scholarship

SST is applying for Japan Student Services Organization (JASSO) Scholarship and if adopted, a certain number of undergraduate and graduate students will receive a scholarship of 80,000 Japanese yen after selection. Please note that all of the following conditions must be satisfied in order to be qualified as a scholarship recipient. *The following is the past information and is subject to change for 2023 academic year.

- 1) MUST hold nationality of a country that has diplomatic relations with Japan. DOES NOT hold Japanese nationality.
- 2) Needs to be already accepted by Meiji University based on student exchange cooperation agreement etc.
- 3) Students demonstrating excellent academic and personal records at their home institution. A grade point average (GPA) higher than the GPA designated by JASSO. In case the student does not hold any record of previous year's academic performance, the record from the latest semester can be used.
- 4) Students who need financial assistance for studying in Japan.
- 5) Students who will continue their studies and who will receive degree at their home institution after completion of the program.
- 6) The amount of other scholarship for their studies in Japan must not exceed the amount (80,000 yen/month) given from JASSO.

*If there are many applicants, selection will be conducted based on academic performance. Successful applicants will be finalized by JASSO. The result will be notified in May.

2. Visa

This program does not provide any assistance in obtaining a visa, so you will need to arrange your own visa if necessary.

3. Certificates and Transcripts

Electronic data of program completion certificate and evaluation sheet will be issued to all participant at the end of the program (=upon submission of the final report) and will be sent to your home university via email. Please note that no official Meiji University transcript will be issued for this program.

《Website for School of Science and Technology of Meiji University》

<http://www.meiji.ac.jp/sst/index.html> (Japanese)

<http://www.meiji.ac.jp/cip/english/undergraduate/science/index.html> (English)

Ikuta campus, Meiji University

Address : 1-1-1 Higashi-mita, Tama-ku, Kawasaki, Kanagawa, JAPAN

Campus Map: http://www.meiji.ac.jp/cip/english/about/campus/ik_campus.html

* The nearest railway station is "Ikuta Station" on the Odakyu Line. Ikuta campus is within walking distance (about 15 minutes) from Ikuta Station. To get to Ikuta Station from Shinjuku Station, you need to come to Mukogaoka-Yuen Station (about 20 minutes from Shinjuku Station by express train) and change to a local or semi-express train. Ikuta station is next to Mukogaoka-Yuen station (2 minutes train ride).