

"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 students of Meiji University's partner institutions.

In this program, students will learn various aspects of science and technology in Japan such as automobile, electronics, chemical products, computer science, 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

23th June: Orientation, Introduction to Japanese culture, society

24th June: Introduction of Science and Technology in Japan 1
Lectures/ site visit on Physics

25th June: Lectures/ site visit on Applied Chemistry

26th June: Lectures/ site visit on Mechanical Engineering 1

27th June: Lectures/ site visit on Mechanical Engineering 2

29th June: Lectures/ site visit on Architecture

30th June: Lectures/ site visit on Mathematics

1st July: Introduction of Science and Technology in Japan 2

Lectures by students graduated the masters program

2nd July: Final presentation and discussion

Examples of past site visit

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

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

2019 AY: National Institute for Materials Science

(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 student registered in Meiji University's partner institution during the whole period of the program.
- 2) be in the second grade or higher in undergraduate level at the time when the program starts.
- 3) be recommended by their home university.
- 4) attend the program through the whole period.
- 5) be confirmed by home university that they have a sufficient English proficiency to attend the classes and make the necessary administrative procedures.
- 6) to have an approval of their physician before applying for the program if they have chronic disease or any pre-existing conditions.

2. How to Apply

Please apply from the following website.

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

3. Application Period

18th March to 31st March 2020

4. Acceptable Total Number of Participants

20 at maximum. If there are more applicants than 20, selection process will be conducted.

5. Language

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

6. Venue

Lectures will be conducted in Ikuta Campus of Meiji University. We will also visit companies, factories or research institutes outside of the campus for site visits.

7. Program Fees

There is no program fees. Participants are still responsible for their airfare, accommodation, meals and domestic transportation which is necessary for the site visits. The estimated cost is 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 main stations.

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

[Other Important Information]

1. Scholarship

SST is applying for JASSO (Japan Student Services Organization) scholarship and if this program is adopted, scholarship of 80,000 Japanese yen will be provided after a selection to the certain number of undergraduate students which JASSO specifies. In order to be qualified as a scholarship recipient, students are required to satisfy all the following conditions *The following is the past information and is subject to change for 2020.

- 1) Must hold nationality of countries that have diplomatic relations with Japan. Taiwan (ROC) and Palestine are included. Those who have Japanese nationality at the time of application are NOT acceptable.
- 2) Needs to be already accepted by Meiji University based on student exchange cooperation agreement etc.
- 3) Demonstrates excellent academic and personal records in the home university. The student's grade of the previous academic year must be equal or over 2.30 out of 3.00 which is calculated by the JASSO GPA formula. If there is no last academic year evaluation, previous semester grade score will be used.
- 4) Needs this scholarship to attend the program for financial reason.
- 5) Needs to return to the home university after completing the program and continue his or her studies to obtain a degree.
- 6) If a student receives another scholarship (including Meiji University and the home university) to participate the program, the total amount of the support (excluding air fare, scholarship loan, and academic loan) should not exceed 80 thousand per month.

*If the number of applicants are more than acceptable number for the scholarship, selection will be conducted according to their academic grade. Successful applicants will be finalized by JASSO. Result will be notified in May through your home university.

2. Visa

Visa assistance is not available for this program and students are required to obtain a visa on their own if necessary.

3. Certificates and Transcripts

Electronic data of program completion certificate and an evaluation sheet will be issued to all the participants upon completing the program (=submitting the final report) and sent to your home university via email. Please note that a Meiji University's official academic transcript is not available 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" of Odakyu Line. Ikuta campus is within walking distance (about 15 minutes) from Ikuta Station. To reach Ikuta Station from Shinjuku Station, you need to go to Mukogaoka Yuen Station (approximately 20 minutes express train ride from Shinjuku Station) and change to a local train or a semi-express. Ikuta station is next station from Mukogaoka Yuen station (2 minutes train ride).