14. Saitama University,  
Program in Civil and Environmental Engineering  
Study Area : Engineering

1. **Basic Information**

<table>
<thead>
<tr>
<th><strong>Fields of Study</strong></th>
<th><strong>Specific Research Fields</strong></th>
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</table>
| Civil Engineering   | 121 Civil Engineering  
122 Transportation Civil Engineering  
123 Water Engineering Construction  
124 Geotechnical Engineering |

1-1. **Graduate School**  
(Url of Graduate School)  
Graduate School of Science and Engineering  
http://intl.civil.saitama-u.ac.jp/

1-2. **Program Name**  
International Graduate Program in Civil and Environmental Engineering

1-3. **Degrees**  
Master of Engineering(2years)

1-4. **Status**  
Graduate School Student

1-5. **Credits and years needed for graduation**  
30 Credits and 2 Years

1-6. **Classes taught in English**  
All classes are taught in English.

1-7. **Desired English Level**  
An indicative minimum score of English language proficiency test is required: 80 for TOEFL (IBT) or 5.5 for IELTS or equivalent

1-8. **Prior Inquiry From Applicants**  
(Before submission of AF)  
Must/Ideal/Not mandatory/Not Allowed  
Contact: (1) Assistant Prof. Chandra S Goit  
(2) Assistant Prof. Adnan A Malik  
E-mail address: (1) chandra@mail.saitama-u.ac.jp  
(2) adnanmalik@mail.saitama-u.ac.jp

1-9. **Message for Applicants**  
If you can dream it, you can do it.

1-10. **Additional Information**  
<table>
<thead>
<tr>
<th><strong>Availability /Number</strong></th>
<th><strong>Note</strong></th>
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<tbody>
<tr>
<td><strong>Japanese Language</strong></td>
<td></td>
</tr>
<tr>
<td>(1) Necessity of Japanese language for study</td>
<td>none</td>
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</tbody>
</table>
Availability of Japanese language class

The graduate school provides optional Japanese language classes for foreign students to ease their daily lives in Japan.

### Foreign Students

| (1) Number of foreign students in past 3 years | 94 | 67 Masters’ students and 27 Doctoral students (as of 2019.4) |
| (2) Number of PEACE participants | 7 | enrolled between 2013 and in 2019. |
| (3) Number of female/male at the Graduate School | 20/54 | female/male currently enrolled (as of 2019.4) |

### Facility Information

| (1) Dormitory available for PEACE participants | Yes | Application before enrollment is necessary |
| (2) Prayers room or Mosque | Yes | A prayers room on campus |
| (3) Halal food available in cafeteria | Yes | Available |

### Others

| (1) Tutor system | Yes | A tutor in the same lab |
| (2) English counseling | Yes | International advising room |

## 2. Features of University

Saitama University is a national university established in 1949. It is composed of five faculties for undergraduate education (Faculty of Liberal Arts, Faculty of Education, Faculty of Economics, Faculty of Science, and Faculty of Engineering) and three graduate schools (Graduate School of Humanities and Social Sciences, Graduate School of Education, and Graduate School of Science and Engineering). Saitama University is a reputed national university for higher education and research in Japan, located in a quiet suburban area of Saitama City, the capital of Saitama Prefecture. Saitama City is situated approximately 30 km north of Tokyo. This location enables the residents of the university to easily access governmental research institutes, private companies, and other facilities in and around Tokyo area.

Saitama University has long been established as a respected national university within Japan. As a part of our global initiative, we provide outstanding results from our diverse research projects to scholars across the world.

The University is not the stereotypical, conventional Japanese national university. We create originality from original mindsets. Our students actively communicate with faculty. Our faculty’s fields of expertise enable Saitama’s unique curriculum of combining onsite classes and research to academics.

## 3. Features of Graduate School

Many foreign students have been enrolled by all of the departments of the Graduate School of Science and Engineering. Therefore, the graduate school is really international. Except for academic classes in English, the graduate school also provides optional Japanese language classes for foreign students to ease their daily lives in Japan.
Academic Schedule
The program starts either in the beginning of April or at the end of September, which are the beginning of the spring and autumn semesters. For master degree, students are required to stay in the program for a minimum of two years. Just before finishing the first year’s study, students are required to make a mid-term presentation, which should be on the research work of Master's course.

Dormitory for foreign students
In order to contribute to international exchange in the fields of research and education, the Saitama University International House was built. Accommodation and other facilities are provided in the house. The house consists of three buildings with a total of 172 single, couple and family rooms. The same as other International students, PEACE participants can apply for the residence after the enrollment. In principle, the period of residence for all the researchers and students in the International House is one month minimum and one year maximum. Currently, the International House does not have sufficient capacity for all the international researchers and students, so approximately one third of such students can be accommodated in the house. For the other two thirds, they have to find accommodation themselves, for example renting a private apartment.

Features of the Program and Curriculum in each Field of Study
For the International Graduate program on Civil and Environmental Engineering, it offers foreign students, including the PEACE participants, the opportunities to pursue graduate studies and do research in the field of civil and environmental engineering. The fields of study include Infrastructure Management, Transportation Planning, Environmental Engineering, Ecological Engineering, Coastal and Ocean Engineering, Hydraulics and Water Resources Engineering, Geotechnical and Geological Engineering, Concrete and Material Engineering, Structural and Wind Engineering, Earthquake Engineering, and so forth. Moreover, the graduate program includes the courses specially designed for international students, in which class instruction and research supervision are all given in English. Master thesis is accepted in English.

Currently, around 30 classes are taught in English. Titles of these classes are as follows:

Advanced Analysis of Vibrations and Waves
Advanced Course in Technical English III
Advanced Course in Transportation System
Advanced Geoenvironmental Engineering
Advanced Lectures on Construction Materials
Advanced Lectures on Strong Motion
Advanced Nonlinear Structural Analysis
Advanced Reinforced Concrete Engineering
Advanced Theory on Earthquake Engineering
Bridge Design
Climate and Society
Construction Management
Environmental Symbiosis and Ethics
Environmental Vibration and Noise
Finite Element Analysis
Geosphere System Engineering
Geotechnical Earthquake Engineering
International Communication
Japanese for Science and Engineering I/II/III
Landscape Planning and Design
Mechanics of Geomaterials
Mechanics of Geostructures
Numerical Analysis on Hydraulic Environment
Practical Structural Dynamics Simulation
Project Based Learning of Hydraulic Engineering
Rock Weathering and Geomorphological Processes
Structural Dynamics and Control

5. Academic Schedule
Semester and term
- Spring semester
  - Term 1: Apr to Jun
  - Term 2: Jun to Sep
- Autumn semester
  - Term 3: Sept to Nov
  - Term 4: Nov to Mar

6. Facilities
To ease the campus life and study in Saitama University, several facilities are available for students, such as the university library, health service center, university hall, gymnasiums, university co-op store, and so on. The Saitama University library owns and provides not only a collection of more than 850,000 of books, magazines and newspapers, but also audiovisual materials such as CD-ROMs, videos and DVDs, etc. Moreover, the library provides a range of learning materials for international students.

7. List of faculty members (supervisors) capable of guiding Afghan participants in English

Professor
- Jiro Kuwano (Mr.)  (geotechnical engineering, soil engineering)
- Ken Kawamoto (Mr.)  (geotechnical engineering, geotechnical environmental engineering)
- Masato Saitho (Mr.)  (earthquake engineering, disaster prevention & mitigation)
- Yoshiaki Okui (Mr.)  (structural engineering, hybrid engineering, bridge engineering)
- Yasunao Matsumoto (Mr.)  (structural engineering, building vibration)
- Norio Takana (Mr.)  (river engineering, river environmental engineering)
- Hisashi Kubota (Mr.)  (urban transportation planning, local transportation planning)
- Masahiko Osada (Mr.)  (rock engineering, geotechnical environmental engineering)
- Takeshi Maki (Mr.)  (concrete engineering, bridge engineering, construction materials)

Associate Professor
- Chiaki Oguchi (Ms.)  (geotechnical environmental engineering, geosphere material sciences)
- Taro Uchimura (Mr.)  (geotechnical engineering, soil engineering)
- Hidenori Mogi (Mr.)  (earthquake engineering, earthquake ground motion)
- Hisashi Taniyama (Mr.)  (earthquake engineering, earthquake ground motion)
- Shingo Asamoto (Mr.)  (concrete engineering, construction materials)
- Junji Yagisawa (Mr.)  (river engineering, river environmental engineering)
- Aya Kojima (Ms.)  (urban transportation planning, local transportation planning)

Assistant Professor
8. Message from PEACE participants

After the devastating war, the government of Afghanistan took a comprehensive rebuilding program intended to build new infrastructures and develop human resources. To support these activities many countries and development organization formed a unified fund, out of which Japan is a major contributor. The peace project supported by the government of Japan through JICA (Japan International Co-operation Agency) helps in human resource development in different field that can support the future development of the country.

Under the project I was selected to study at Saitama University in the Structural Dynamics Lab where I am pursuing a Master’s Program. As a country Japan and Afghanistan are completely different in culture but the hospitality shown by the Japanese people to support my studies is appreciable. The first few days at the university were different due to my slow adaptability in the new environment. But, as days gone by Saitama University soon became my second home. Here I came to learn and experience many new things from language to technologies, from food habit to new culture. All of these and above all the ever helping attitude of Japanese people cannot be overlooked that has given me the inspiration to complete my studies and serve my nation in future.

Thank you Japan!

Samandar Salihi (former PEACE participant graduated from this program in 2015)

9. Additional Information for Female participants

None