



Saitama University

INTERNATIONAL GRADUATE PROGRAM ON CIVIL AND ENVIRONMENTAL ENGINEERING

2018

As part of the International Graduate Program at Saitama University, the Department of Civil and Environmental Engineering (DCEE) offers highly qualified students the opportunity to pursue graduate studies and conduct research in Civil and Environmental Engineering leading to a Master of Engineering Degree or a Doctor of Engineering/Philosophy Degree. The program starts in either April or September and requires a standard two-year residency for the completion of a master's degree and three years for a doctoral degree. Class instruction, research supervision and guidance are conducted in English, as well as dissertations, reports, examinations and presentations by students.

1. QUALIFICATIONS

An applicant must fulfill the following qualifications:

- Have a master's degree or equivalent research experience for an applicant to the doctoral degree program; a bachelor's degree or equivalent professional experience for an applicant to the master's degree program.
- Have an indicative minimum score of English language proficiency test: 80 for TOEFL (IBT) or 5.5 for IELTS or equivalent.
- Be in good mental and physical health.

Additional qualifications are described below separately by the category of applicant:

(A) An Applicant who is Applying for Admission under Scholarship

DCEE is currently administering three scholarship programs: the Monbukagakusho¹ Scholarship, ADB-JSP², and JJ/WB GSP³. Details of these scholarships and requirements are provided in the sections below.

¹ Ministry of Education, Culture, Sports, Science and Technology of the Government of Japan

² Asian Development Bank-Japan Scholarship Program

³ Joint Japan/World Bank Graduate Scholarship Program

It is to be noted that some changes are expected in relation to monbukagakusho scholarship this year. Please understand that there may be a change of call for the scholarship.

(A-1) An applicant for doctoral or master's degree program with the Monbukagakusho Scholarship must:

- be a national of a country where the Japanese Government Scholarship is offered.
- be under 35 years of age as of April 1, 2018. (i.e. born on or after April 2, 1983)

If awarded the scholarship, the applicant must be able to come to Saitama University at the end of September, 2018. An applicant who was an awardee of the Japanese Government Scholarship during the last three years is not eligible for this scholarship program.

(A-2) An applicant for master's degree program with the ADB-JSP Scholarship must:

- be a national of a member country of the Asian Development Bank.
- be not more than 35 years old at the time of application.
- agree to return to his/her home country after completion of study.
- not be an Executive Director, an Alternate Director, an official or a staff member of the Asian Development Bank and other international organizations. This includes a close relative.
- live or work in his/her home country.
- have at least 2 years of full-time professional working experience acquired after a university degree at the time of application.

(A-3) An applicant for master's degree program with the JJ/WB GSP Scholarship must:

- be a national of a World Bank member developed country.
- not hold dual citizenship of a developed country.
- be in good health.
- hold a bachelor (or equivalent) degree earned at least 3 years prior to the application deadline date
- have 3 years or more of recent development-related experience after earning a bachelor (or equivalent) degree.

- be accepted unconditionally to enroll in the upcoming academic year in our master’s degree program.
- not be an Executive Director, his/her alternate, and/ or staff of all types of appointments of the World Bank Group or a close relative of the aforementioned by blood or adoption with the term “close relative” defined as: Mother, Father, Sister, Half-sister, Brother, Half-brother, Son, Daughter, Aunt, Uncle, Niece, or Nephew.

(B) An Applicant who is Applying for Admission Only

Those who will be self-supported or have secured scholarship/financial support from sources other than DCEE administered scholarships must provide evidence that he/she is financially able to bear the expenses while pursuing their degree.

(C) An Applicant who is Residing in Japan at the Time of Application

They should enroll under the regular master’s/doctoral program of the Graduate School of Science and Engineering, of which the admission procedures are different from the International Graduate Program on Civil and Environmental Engineering. However, international students admitted through this process will be entitled to the benefits described above as the constituencies of the International Graduate Program on Civil and Environmental Engineering. Such candidates, who seek admission under the regular program, are advised to contact the Graduate School directly for further details. Please note that the deadlines for the regular program are different from those given on this form.

2. SELECTION CRITERIA AND PROCEDURE

Evaluation of applications will be based on the candidate’s scholastic ability and research potential assessed from previous credentials, recommendation letters and essays on specific topics. The lists of candidates nominated by the DCEE are sent to the Ministry, ADB, and World Bank respectively for final approval. During the selection process, short-listed candidates may be contacted through internet-based interviews or other appropriate means. Details of these interviews will be sent out to short-listed candidates. It is not possible to respond to telephone or mail requests regarding the status of application until the selection is finalized.

3. SCHEDULE FOR APPLICATIONS AND ADMISSION

The schedule for the application and admission process is as follows:

(A-1) Doctoral or Master’s applicants who are seeking admission with Monbukagakusho scholarship

December 20, 2017	deadline for receiving applications
January 20, 2018	notification of results to short-listed candidates
January 20-31, 2018	internet-based interviews for short-listed candidates
March 15, 2018	notification of results to applicants
September 28, 2018	Graduate program begins

(A-2) Master’s applicants who are seeking admission with ADB-JSP scholarship

October 20, 2017	deadline for receiving applications
March 15, 2018	notification of results to applicants
April 1, 2018	Graduate program begins

(A-3) Master’s applicants who are seeking admission with JJ/WB GSP scholarship

October 20, 2017	deadline for receiving applications
March 15, 2018	notification of results to applicants
September 28, 2018	Graduate program begins

(B) Applicants who are only seeking admission, and are self-funded or have already obtained other scholarships/financial assistance

November 1, 2017	deadline for receiving applications for the April (2018) intake
December 20, 2017	notification of results to applicants for the April (2018) intake
April 1, 2018	Graduate program begins
April 15, 2018	deadline for receiving applications for the October (2018) intake
June 20, 2018	notification of results to applicants for the October (2018) intake
September 28, 2018	Graduate program begins

4. REQUIRED DOCUMENTS

- a) Completed application form (Form A)
- b) Official academic transcripts stating the grades obtained during previous undergraduate and graduate programs
- c) Two letters of recommendation (Form B)
- d) Essays on selected topics (Form C)
- e) A concise resume (Form D)
- f) Certificate of English proficiency (an official score of TOEFL or IELTS or equivalent)
Department institutional code for TOEFL: 7314
- g) Latest Income Tax Return or Certification of Annual Salary (ADB-JSP only)
- h) Certification of Family Income (Parent's Income if single or Spouse's Income if married) (ADB-JSP only)
- i) ADB-JSP Information Sheet (ADB-JSP only)

5. TUITION FEES AND LIVING EXPENSES

The tuition and admission fees for the 2017-2018 session, which are the same for the master's and doctoral programs, and the estimated living expenses are:

- Tuition Fee: 535,800 yen per year
- Admission Fee: 282,000 yen upon admission
- Cost of Living: about 110,000 to 140,000 yen per month

6. SCHOLARSHIP AND FINANCIAL ASSISTANCE

The program admits about 15 to 20 students to the master's course and 7 to 10 to the doctoral course. Scholarships offered by the Monbukagakusho, ADB-JSP and JJ/WB GSP are available to students who have demonstrated academic excellence. Each year scholarships are granted to about seven new doctoral students and to about fifteen new master's students.

All scholarships cover tuition and academic fees, a monthly allowance ranging from 147,000 to 148,000 yen and round-trip economic airfare from the awardee's home country. The Monbukagakusho Scholarship is granted for up to three years and master's degree scholarships are granted for up to two years based on the satisfactory performance of the student. Neither scholarships are extendable beyond three and two years, respectively. The master's degree scholarships require the awardees to return to their home countries upon completion of study to contribute to their country's development.

7. FACULTY MEMBERS AND RESEARCH FIELDS

Faculty members who are affiliated with DCEE are listed below. Their research topics are related to civil and environmental engineering including geotechnology for disaster prevention, earthquake and design of transportation infrastructure, strengthening and rehabilitation of civil infrastructures, environmental engineering, and ecological

Professors

KAWAMOTO, Ken, Ph. D.	Geoenvironmental engineering, Solid waste management in developing countries
KUBOTA, Hisashi, D. Eng.	Planning and design of streets in local areas, Citizen involvement in local planning, Traffic-impact study in large-scale facilities
KUWANO, Jiro, D. Eng.	Geotechnical engineering, Geotechnical earthquake engineering
MATSUMOTO, Yasunao, Ph. D.	Structural dynamics, Human response to vibration
MUTSUYOSHI, Hiroshi, D. Eng.	Reinforced concrete and prestressed concrete, Earthquake engineering for concrete structures, Externally prestressed concrete structures, Application of new materials to concrete
OKUI, Yoshiaki, D. Eng.	Applied mechanics, Bridge engineering, Micromechanics and fracture mechanics
OSADA, Masahiko, D. Eng.	Rock mechanics, Applied geology
SAITOH, Masato, D. Eng.	Earthquake engineering, Seismic design of structures
TANAKA, Norio, D. Eng.	River engineering, River environmental engineering

Associate Professors

ASAMOTO, Shingo, D. Eng.	Concrete engineering
KOJIMA, Aya, Ph. D.	Transportation planning
MAKI, Takeshi, D. Eng.	Concrete engineering
MOGI, Hidenori, D. Eng.	Earthquake engineering, Earthquake ground motion
OGUCHI, Chiaki, D. Sci.	Geosphere material sciences, Rock weathering and geomorphology
TANIYAMA, Hisashi, D.Eng.	Earthquake engineering and seismology
UCHIMURA, Taro, Ph. D.	Geotechnical engineering, Geohazards prevention engineering
YAGISAWA, Junji, Ph. D.	River engineering
YAMABE, Tadashi, D. Eng.	Rock mechanics, Mechanics of fully coupled thermal-mechanical-fluid flow phenomena for geomaterials, Dynamic properties of soft rocks and rock masses

Assistant Professors

DANG, Ji, D. Eng.	Structural mechanics and dynamics
FURUSATO, Eiichi, D. Eng.	Environmental hydraulics
GOIT, Chandra S, Ph.D.	Earthquake engineering
LUAN, Yao, Ph. D.	Concrete engineering
MIZOGUCHI, Yuta, Ph. D.	River engineering
SAITO, Takeshi, Ph. D.	Hydrogeochemistry and geo-environmental engineering

8. CORRESPONDENCE

All correspondence and inquiries should be addressed to:

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