



Graduate School of Science & Engineering
**Energy System-Information Technology Innovation
International Professional Program**

Doctoral Course
2025

OVERVIEW

As a part of the International Graduate Program at Saitama University, the Graduate School of Science and Engineering offers highly qualified students the opportunity to pursue doctoral studies and research in the field of Engineering leading to a Doctor of Philosophy/ Engineering / Science*.

Energy System-Information Technology Innovation (ESITI) International Professional Program is designed to cover a wide spectrum of research fields in Materials Science, Electronics, Informatics and Mechanical Engineering. The program starts in either April or October and requires a standard three-year residency for the completion of a doctoral degree. Class instructions, research supervision and guidance are all conducted in English, as well as dissertations, reports, examinations, and presentations by students.

*The Doctor of Philosophy (PhD) degree, the Doctor of Engineering (D.Eng.), the Doctor of Science (D.Sc.) degree is conferred according to the content of the dissertation.

1. APPLICATIONS

(A) Applying under MEXT* University Recommendation Scholarship

The ESITI program selects eight outstanding students each year as Monbukagakusho (MEXT) University Recommended Scholars. This scholarship is applicable only for October enrollment.

* Japanese Ministry of Education, Culture, Sports, Science, and Technology

Eligibility

An applicant must:

- have or expected to have a master's degree before enrollment.
- be a national of a country that has diplomatic relations with the Japanese Government.
- be under 35 years of age as of April 1st, 2025. (i.e. born on or after April 2nd, 1990).
- have excellent academic achievements.
- have a proof of one's English Proficiency.
(i.e. **80 for TOEFL (IBT) or 5.5 for IELTS or equivalent to CEFR B2 Level**)
- reside outside Japan at the time of application and not hold Japanese nationality.
- be able to come to Saitama University at the end of September 2025.
- have NOT been an awardee of the Japanese Government Scholarship during the last three years.
- be in good mental and Physical health.

Scholarship awardee's Benefits

- Monthly allowance 148,000JPY
(a supplemental regional allowance of 3,000yen per month are included)
- 3 years doctoral course application fee, admission fee and tuition fee exempted
- Return air tickets from one's home country to Japan

(B) Applying as a Privately Funded Student

Eligibility

An applicant must:

- have or expected to have a master's degree before enrollment
- have excellent academic achievements
- have a proof of one's English language proficiency
(i.e. **80 for TOEFL (IBT) or 5.5 for IELTS or equivalent to CEFR B2 Level**)
- be in good mental and physical health.

Note: Those who are self-supported or has already secured a scholarship or other financial support, please provide the evidence of ability to bear the expenses during one's study at Saitama University.

- **JASSO Scholarship for Privately Funded International Students** is awarded to the students with excellent academic and character records who have received pre-arrival admission in a graduate school. https://www.jasso.go.jp/en/ryugaku/scholarship_j/shoreihi/yoyaku_tonichimae.html

Other scholarships are applicable after your enrollment in October. Saitama University's Office of International Affairs provides the scholarship information on their webpage.

[\(http://en.saitama-u.ac.jp/studentlife/scholarship/\)](http://en.saitama-u.ac.jp/studentlife/scholarship/)

NOTE: Applicants who are residing in Japan at the time of application

Applicants must apply for the regular admission to the Graduate School of Science & Engineering. The procedures are different from ESITI program. Such candidates are advised to contact the Graduate School directly for further details. Please note that the application deadlines are also different.

(<http://www.saitama-u.ac.jp/rikogaku/en/admission/news.html>)

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. During the selection process, short-listed candidates will be contacted through internet-based interviews or other appropriate means. Details for these interviews will be sent out to short-listed candidates. A mathematics exam will be held depending on the supervisor's demand.

NOTE: UNIVERSITY SECURITY EXPORT CONTROL MEASURES

Saitama University has established the 'Saitama University Security Export Control Regulations' in accordance with Japan's 'Foreign Exchange and Foreign Trade Act.

<https://www.meti.go.jp/policy/anpo/englishpage.html>

Please be aware that international applicants are also screened based on these regulations and those who fall under any of the conditions set out in the regulations may not receive permission to enroll at the university or may have their research activities restricted even at later stage if violation of regulations comes in light upon enrollment.

3. HOW TO APPLY

Please send all the required documents listed below to Foreign Student Office.

Firstly, by email (rese@gr.saitama-u.ac.jp), then by international mailing service such as EMS.

As for the two recommendation letters, those must be emailed directly from each recommender to Foreign Student Office.

[REQUIRED DOCUMENTS]

- Application form (Form A)** with a photo taken in the last 6 months
- Field of Study and Research Plan (Form B)**
- Official Certificate of Grades** from most recent academic institution attended (Undergraduate and Graduate degree program) (MUST be the Original or Attested copies, stating number of credits and the year/period of credit acquisition for each course undertaken. MUST include or be accompanied by an explanation of the grading system such as A=Excellent, B=Good, C=Fair, etc.)
- Official Certificate of Graduation** or **Expected Graduation** from most recent academic institution attended (Undergraduate and Graduate degree program) (MUST be the Original or Attested copies)
- Abstract of Graduation thesis** written for most recent academic degree awarded (MUST be a brief summary (no more than one A4 page) of the most recent thesis you wrote, or if you did not write a thesis, a graduation project or term paper.)
- Copy of passport** page containing the applicant's name and date of birth or **Copy of your family register or residence certificate.**
- Certificate of English Proficiency** (Official score of TOEFL(IBT), IELTS or equivalent) (Must be the Original or Attested copies. The score must be taken within the past 2 years. If the applicant's most recent graduated course was instructed in English, it can be an official letter to prove that medium language of instruction was English instead of English Proficiency test Certificate.)
- Two Letters of Recommendation (LOR 1-2 & 2-2)** (One letter must be from the Dean, or a person of equivalent or higher position, at the applicant's school or institution. The other letter can be from your supervisor or a person of equivalent. Your recommender MUST email the Recommendation letter directly to our Foreign Student Office. (rese@gr.saitama-u.ac.jp)

Note: All Certificates need to be in English or attached with English translation.

- **Postal address:** Foreign Student Office (FSO-ESITI)
Graduate School of Science & Engineering, Saitama University,
255 Shimo-Okubo, Sakura-ku, Saitama, Japan 338-8570
Phone: +81-48-858-3430
- **Email address:** rese@gr.saitama-u.ac.jp

4. SCHEDULE FOR APPLICATIONS AND ADMISSION

(A) Admission with MEXT Scholarship - October 2025 Intake

December 5, 2024	deadline for receiving applications
December 2024- January 2025	notification of results to short-listed candidates / internet-based interviews and exam
February 2025	The final notification of results (The list of nominees is sent to MEXT for approval)
End of June-Beginning of July, 2025	official approval from MEXT & Saitama University
September 26, 2025 (tentative)	Graduate program begins

(B) Regular Admission for Privately Funded Students

April 2025 Intake:

November 1, 2024	deadline for receiving applications
~ March 2025	internet-based interviews and exam /notification of results/COE & Visa application
April 7, 2025 (tentative)	Graduate program begins

October 2025 Intake:

April 15, 2025	deadline for receiving applications
~August 2022	internet-based interviews and exam /notification of results/COE & Visa application
September 26, 2025 (tentative)	Graduate program begins

6. TUITION FEES AND LIVING EXPENSES

for the 2024-2025 session:

- **Privately funded students**
 - Application Fee: 30,000 yen upon application
 - Admission Fee: 282,000 yen upon admission
 - Tuition Fee: 535,800 yen per year
- **Estimated Living Expenses**
 - prox. 110,000 to 140,000 yen per month

7. COURSES AND FACULTY MEMBERS

The detail information of courses, lectures, and faculty members of ESITI Program are available on our website (<https://park.saitama-u.ac.jp/~rese/courses.html>).

When submitting your application, please specify your desired course and supervisor.

You are advised to consult with the professor for the availability of supervision before the application.

*ESITI's Foreign Student Office can also forward the message of inquiry to the applicant's desired supervisor. In that case, please contact FSO Office (rese@gr.saitama-u.ac.jp) and mention the name of your desired supervisor (s).

Information & Computer Sciences Course

【Media Informatics】

Professor SHIMAMURA, Tetsuya
Professor KOMURO, Takashi
Professor KOBAYASHI, Yoshinori
Professor KURIKI, Ichiro
Professor IWASAKI, Kei
Assoc. Professor PUNPONGSANON, Parinya

【Computer Science】

Professor YOSHIURA, Noriaki
Professor AZUMI, Takuya
Assoc. Professor YAMADA, Toshinori
Assoc. Professor GOTO, Yuichi
Assoc. Professor MATSUTA, Tetsunao
Assoc. Professor WATABE, Kohei

【Mathematical Informatics】

Professor UCHIDA, Atsushi
Professor OHKUBO, Jun
Assoc. Professor MATSUNAGA, Yasuhiro
Assoc. Professor TSUTSUMIDA, Narumasa
Assoc. Professor SHIMADA, Yutaka
Assoc. Professor KANNNO, Kazutaka
Assoc. Professor HARADA, Tomohiro

Electrical & Electronic Systems Course

【Control Systems, Energy and Environment】

Professor KANEKO, Yasuyoshi
Professor YAMANO, Yasushi
Assoc. Professor TSUJI, Toshiaki

【Materials, Devices and Optical Applications】

Professor UCHIDA, Hidekazu
Professor HONDA, Zentaro
Professor MYOREN, Hiroaki (retirement in 2027)
Professor YAGUCHI, Hiroyuki
Assoc. Professor KAKIZAKI, Koichi
Assoc. Professor KAMISHIMA, Kenji
Assoc. Professor HIJIKATA, Yasuto
Assoc. Professor YAGI, Shuhei

【Circuit Systems and Information Technology】

Professor MA, Zhewang
Assoc. Professor SHIODA, Tatsutoshi
Assoc. Professor KIMURA, Yuichi

Mechanical Engineering Course

【Strength of Material】

Professor SAKAI, Takenobu

【Material Engineering】

Professor KAGEYAMA, Kensuke
Assoc. Professor KOJIMA, Tomohisa

【Fluid Dynamics】

Assoc. Professor KANG, Donghyuk

【Thermal Engineering】

Professor OBARA, Tetsuro
Assoc. Professor MAEDA, Shinichi

【Production & Processing】

Professor KANEKO, Junichi
Assoc. Professor ABE, Takeyuki

【Machine Element】

Professor YAMAMOTO, Hiroshi
(retirement in 2026)
Assoc. Professor NARUKAWA, Terumasa,

Mechanical Engineering Course

【Science of Production & Environment】

Professor IKENO, Junichi (retirement in 2026)
Assoc. Professor YAMADA, Yohei

【Measurement Engineering】

Professor HARA, Masayuki

【Control Engineering】

Professor TAKASAKI, Masaya

【Human Interface】

Professor WATANUKI, Keiichi
(retirement in 2026)
Assoc. Professor KAEDE, Kazunori

【Design Engineering】

Assoc. Professor KOTOSAKA, Shinya
Assoc. Professor HODOSHIMA, Ryuichi

【Mechanical System】

Professor NAGAMINE, Takuo
Assoc. Professor TADOKORO, Chiharu

【Dynamics of Machinery】

Professor WATANABE, Tetsuya

CHECKLIST

Required Documents for Application

Check	Document
	Both pages of the application form (Form A) dully filled and signed
	Photo taken in the last 6 months is affixed on the first page of Form A
	Field of Study and research plan (Form B)
	Original or Attested copies of Official Certificate of Grades (with an explanation of the grading system such as A=Excellent, B=Good, C=Fare, etc.)
	Original or Attested copies of Official Certificate of Graduation or Expected Graduation
	Abstract of graduation thesis
	Copy of your passport or family register or residence certificate
	Original or Attested copy of Certificate of English Proficiency
	Letter of Recommendation (1/2) was requested to _____
	Letter of Recommendation (2/2) was requested to _____

CORRESPONDENCE

If there is any inquiry, please contact the following address:

Foreign Student Office of ESITI Program (FSO-ESITI)
Graduate School of Science and Engineering
Saitama University
255 Shimo-Okubo, Sakura-ku
Saitama, Japan 338-8570

Email: rese@gr.saitama-u.ac.jp

For more information, please visit our website.

Web: <http://park.saitama-u.ac.jp/~rese/>





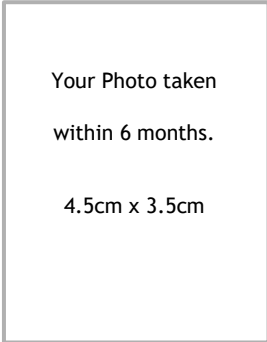
Graduate School of Science & Engineering

2025 APPLICATION FORM (Doctoral Course)

International Graduate Program on

Energy System - Information Technology Innovation

1. Name _____
Family name Given name Middle name



2. Gender Male Female

3. Marital Status Single Married

4. Nationality _____

5. Japanese Nationality No Yes

6. Date of Birth (Year) (Month) (Date)

7. Age _____

8. Current Address _____

Country _____

9. Phone Number _____

10. Email _____

11. Your permanent address in your home country

Same as above

12. Scholarships

I would like to apply under MEXT Scholarship University Recommendation.

I have already obtained a scholarship / financial support.

*Please specify your scholarship / Financial Supporter.

 No Scholarship (self-funded)

13. Academic Record

Primary School name

Location _____ Country _____

From ____ (year) ____ (month) to ____ (year) ____ (month) [____ years in total]

Secondary School name

Location _____ Country _____

From ____ (year) ____ (month) to ____ (year) ____ (month) [____ years in total]

High School name

Location _____ Country _____

From ____ (year) ____ (month) to ____ (year) ____ (month) [____ years in total]

University (Undergraduate) name

Location _____ Country _____

Major _____ Degree Bachelor level

From ____ (year) ____ (month) to ____ (year) ____ (month) [____ years in total]

Completed Expected to complete Withdrawn

Remarks _____

University (Graduate) name

Location _____ Country _____

Major _____ Degree Bachelor level Master level

From ____ (year) ____ (month) to ____ (year) ____ (month) [____ years in total]

Completed Expected to complete Withdrawn

Remarks _____

University (Graduate) name (if any)

Location _____ Country _____

Major _____ Degree Master level Doctor level

From ____ (year) ____ (month) to ____ (year) ____ (month) [____ years in total]

Completed Expected to complete Withdrawn

Remarks _____

14. Field of Study in the past (please describe as detailed as possible)

15. Publications (including Graduation Thesis) authored by applicant, with the name, address of publisher and the date of publication.

16. Employment record (two most recent employments)

Name of Institution

Location _____

Position _____

Period of Employment: From ____/____/____ to ____/____/____

Remarks _____

Name of Institution

Location _____

Position _____

Period of Employment: From ____/____/____ to ____/____/____

Remarks _____

17. Language Proficiency

English IELTS (score _____ Date taken ____/____/____)

TOEFL iBT (score _____ Date taken ____/____/____)

Others _____ (score _____ Date taken ____/____/____)

Japanese JLPT (level _____ Date taken ____/____/____)

Others _____

Other language(s) _____

18. Health Conditions

Good

Have some medical condition (please write details _____)

19. Name of your desired supervisor(s) at Saitama University

1) Professor's name _____

Course _____

2) Professor's name _____

Course _____

3) Professor's name _____

Course _____

20. Are you applying to any other universities besides Saitama University?

None

Yes (School Name _____)

21. Past visits or stays in Japan

Purpose _____

Period: from ____/____/____ to ____/____/____

Purpose _____

Period: from ____/____/____ to ____/____/____

22. Have you been awarded Japanese Government MEXT Scholarship before?

No

Yes

Institution name _____

Period: from ____/____/____ to ____/____/____

23. Accompanying Dependents (if you plan to bring them to Japan.)

Name _____ Age _____ Nationality _____

Relationship _____

Name _____ Age _____ Nationality _____

Relationship _____

23. Person to contact in your home country in case of emergency.

Name _____ Relationship _____

Occupation _____

Contact Address _____

Phone _____ Email _____

24. Name two persons who can give us critical evaluation of your qualifications.

(One of them must be the Dean or a person of equivalent or higher position.)

1) Name _____

Position/Title _____

Organization _____

Email Address _____

2) Name _____

Position/Title _____

Organization _____

Email Address _____

25. Plan after you graduate Saitama University.

I _____, the undersigned, herewith certify that all the above information is true and correct at the time of completion.

Signature _____ Date _____

専攻分野及び研究計画
Field of Study and Research Plan

Name in full,
in your native language

(姓名(自国語))

_____, _____
(Surname) (Given name) (Middle name)

Name in Roman capital letters

(姓名(ローマ字))

_____, _____
(Surname) (Given name) (Middle name)

Nationality

(国籍)

Proposed study program in Japan (Outline your field of study on this side and the specific of your study program on the reverse side of this sheet. This section is one of the most important references for selection. The statement must be typewritten or written in block letters. Additional sheets of paper may be attached if necessary. If plagiarism or fraud is discovered after selection, the selection will be cancelled retroactively.)

(日本での研究計画;この研究計画は、選考の重要な参考となるので、表面に専攻分野の概要を、裏面に研究計画の詳細を具体的に記入すること。記入はタイプ又は楷書によるものとし、必要な場合は別紙を追加してもよい。なお、採用後に不正、盗用等が判明した場合は遡って採用を取り消す。)

If you have Japanese language ability, write in Japanese. (相当の日本語能力を有する者は、日本語により記入すること。)

1 Present field of study(現在の専攻分野)

2 Your research topic in Japan: Describe articulately the research you wish to carry out in Japan.

(渡日後の研究テーマ:日本においてどういった研究がしたいかを明確に記入すること)

3 Study program in Japan: (Describe in detail and with specifics - particularly concerning the ultimate goal(s) of your research in Japan)

(研究計画:詳細かつ具体的に記入し、特に研究の最終目標について具体的に記入すること。)

To the President of Saitama University, JAPAN

LETTER OF RECOMMENDATION (1 of 2)

Name of Applicant: _____ Nationality: _____

To the Applicant: Please fill in your full name above. Give this form to the person you have asked to recommend you. Your recommender must complete the form and send it to our admission office by email. The email address is as follows: ESITI-Foreign Student Office (rese@gr.saitama-u.ac.jp)

To the Recommender: Please complete this form and send to our Foreign Student Office by email (rese@gr.saitama-u.ac.jp) from your official email address. This letter will be held in the strictest confidence, and we would value very much your critical evaluation of the intellectual ability and personality of the applicant with regard to pursuing advanced study and research. Thank you very much.

Name of recommender: _____

Position / Title: _____

Institution: _____

Address: _____

Email: _____ Phone: _____

How long have you known the applicant? _____

Under what circumstances have you known the applicant?

How often have you observed him/her? Daily Weekly Monthly Rarely

In comparison with other students in the same field, how would you rate the applicant's overall scholastic ability?

- Truly exceptional - One of the best you have known
- Outstanding – Top 5%
- Excellent – Top 10%
- Good – Strong ability, but not in the top 10%
- Average – Upper 50%
- Below average – Lower 50%, but recommended
- Not recommended

Evaluate the applicant's ability to work with others Outstanding Good Average Poor

Evaluate the applicant's personal character Outstanding Good Average Poor

Evaluate the applicant's English Proficiency Outstanding Good Average Poor

➤ Please provide any additional comments about the candidate.

I wholeheartedly recommend Mr. / Ms. _____ for the MEXT Scholarship at Saitama University, Japan.

Signature: _____ Date: _____

To the President of Saitama University, JAPAN

LETTER OF RECOMMENDATION (2 of 2)

Name of Applicant: _____ Nationality: _____

To the Applicant: Please fill in your full name above. Give this form to the person you have asked to recommend you. Your recommender must complete the form and send it to our admission office by email. The email address is as follows: ESITI-Foreign Student Office (rese@gr.saitama-u.ac.jp)

To the Recommender: Please complete this form and send to our Foreign Student Office by email (rese@gr.saitama-u.ac.jp) from your official email address. This letter will be held in the strictest confidence, and we would value very much your critical evaluation of the intellectual ability and personality of the applicant with regard to pursuing advanced study and research. Thank you very much.

Name of recommender: _____

Position / Title: _____

Institution: _____

Address: _____

Email: _____ Phone: _____

How long have you known the applicant? _____

Under what circumstances have you known the applicant?

How often have you observed him/her? Daily Weekly Monthly Rarely

In comparison with other students in the same field, how would you rate the applicant's overall scholastic ability?

- Truly exceptional - One of the best you have known
- Outstanding – Top 5%
- Excellent – Top 10%
- Good – Strong ability, but not in the top 10%
- Average – Upper 50%
- Below average – Lower 50%, but recommended
- Not recommended

Evaluate the applicant's ability to work with others Outstanding Good Average Poor

Evaluate the applicant's personal character Outstanding Good Average Poor

Evaluate the applicant's English Proficiency Outstanding Good Average Poor

➤ Please provide any additional comments about the candidate.

I wholeheartedly recommend Mr. / Ms. _____ for the MEXT Scholarship at Saitama University, Japan.

Signature: _____ Date: _____