

GUIDELINES FOR APPLICANTS
FOR
THE JAPANESE GOVERNMENT (MONBUKAGAKUSHO: MEXT)
SCHOLARSHIP PROGRAM

Human Resource Development Program for
Locally Producible and Usable Sustainable Energy
and Energy Storage (Doctoral Program)
- October 2020 Admission -

Graduate School of Frontier Science Initiative
Graduate School of Natural Science and Technology
KANAZAWA UNIVERSITY

Graduate School of Frontier Science Initiative and Graduate School of Natural Science and Technology are pleased to announce a new Program for the Ph. D. Degree with a special course in English and scholarship for overseas students with outstanding scholastic ability. Students who are accepted will be awarded a Japanese Government Scholarship through the financial support of the Ministry of Education, Culture, Sports, Science and Technology (Monbukagakusho : MEXT).

1. Number of students admitted and field of research

1) Number of students admitted: 3 persons

2) Field of research:

Chemistry, Energy-related chemistry, Energy-related material sciences, Nano-sciences

2. Application Qualifications

1) Nationality:

An applicant must have the nationality of a country which has diplomatic relations with the Japanese government and should come to Japan directly from abroad. Applicants who have Japanese nationality at the time of application are not eligible with the following exception: applicants of dual nationality who reside outside of Japan and who will expatriate from Japanese nationality by the time of arrival are eligible.

2) Age:

Applicants must have been born on or after April 2, 1985.

3) Academic background:

An applicant must satisfy one of the following requirements:

1. Has obtained a Master's degree, or expects to obtain a Master's degree by the end of September, 2020.
2. Has successfully obtained a degree equivalent to a Master's degree at a university or college abroad, or expects to gain such a degree by the end of September, 2020.
3. Has spent two years or more at a university or research institution after graduating from an university or completed a 16-year course of school education abroad.
And be deemed by the Graduate School of Frontier Science Initiative or the Graduate School of Natural Science and Technology at Kanazawa University to have academic ability equal to or higher than a Master degree holder, based on results of research reported in submitted documents.
4. Be deemed by the Graduate School of Frontier Science Initiative or the Graduate School of Natural Science and Technology at Kanazawa University to have academic ability equal to or higher than a Master degree holder, based on submitted documents.
And be 24 (years old) or older as of September 30, 2020.

4) Academic Record:

Eligible applicants must have GPA (Grade Point Average) of 2.30 or higher at the last university attended.

* NOTICE *

After admission, applicants should keep his/her GPA higher than 2.30 point as well. If his/her GPA will be lower than 2.30 point each year, he/she will be disqualified from the MEXT scholarship student.

The academic record will be calculated by the method which is designated by MEXT.

Method to Determine GPA

Category	Evaluation Grade				
		Excellent Outstanding	Good	Satisfactory	Fail Poor
4 grades evaluation		A	B	C	F
		100-80	79-70	69~60	50-
	S	A	B	C	F
5 grades evaluation	A	B	C	D	F
	100-90	89-80	79-70	69-60	59-
	Grade Point (GP)	3	3	2	1

(Formula)

$$\frac{(\text{GP3 Number of Credits} \times 3) + (\text{GP2 Number of Credits} \times 2) + (\text{GP1 Number of Credits} \times 1) + (\text{GP0 Number of Credits} \times 0)}{\text{Total Number of Credits Registered}}$$

Note 1: If the course you have taken was not credit system, calculate the GPA by replacing the number of credits with the number of courses.

Note 2: If you transferred to your current university, target of calculation is credits after transferring to the university.

Note 3: Do not include grade evaluations (e.g., "certified", "pass", etc.) that are not listed in the above table.

Note 4: If fractional numbers appear in GPA, truncate the third decimal place or less.

5) Language:

The thesis work will be carried out in English.

An applicant must have enough English skills to conduct academic research and education. Each applicant is required to satisfy any of the following conditions.

1. An applicant who has a score of any test of English language ability equivalent to or higher than the Common European Framework of Reference for Languages (CEFR) B2 level. The test date must be after January 1, 2018.
2. An applicant completed a curriculum which meets the qualification to enter Japanese Doctoral course of graduate school, in an institution where main instruction was in English.
3. An applicant who can be concluded that he/she has English ability equal to or higher than 1.

*If you want to convert your English scores into the CEFR, please refer to the website below.

http://www.mext.go.jp/b_menu/houdou/30/03/_icsFiles/afieldfile/2019/01/15/1402610_1.pdf

6) Health:

All applicants should submit a Certificate of Health by a qualified and recognized physician.

7) Arrival in Japan:

All applicants must arrive in Japan between September 17, 2020 and October 14, 2020.

8) Other:

Applicants who meet any of the following conditions are not eligible. If this is identified after acceptance of the scholarship, the grantee will be required to withdraw from the scholarship:

1. Those who are military personnel or military civilian employees at the time of their arrival in Japan and the scholarship period;
2. Those who cannot arrive in Japan during the period designated by MEXT or the accepting university;
3. Those who are a previous recipient of Japanese Government (MEXT) Scholarship (including those who declined after arrival). However, this does not apply to the people who have educational research experience or work experience more than three years from

the first day of the month following the final payment of the previous scholarship to the beginning of the payment of the scholarship, as of October 1, 2020, and the past recipients of Japanese studies scholarships (who have graduated or are going to graduate from universities in their home countries), or of Japan-Korea Joint Government Scholarship Program for the Students in Science and Engineering Departments, or in the Young Leaders Program;

* MEXT Honors Scholarship is not Japanese Government (MEXT) Scholarship, so the past recipient can also apply.

4. Those who are applying for other programs of Japanese Government (MEXT) Scholarship for 2020;
5. Those who are already enrolled in a Japanese university or other type of school with a residence status of “Student,” or who are enrolled, or plan to enroll, in a Japanese university or other type of school as a privately-financed international student from the time of application until the beginning of the payment of the scholarship. However, this does not apply to the people who, even though they are currently studying as a privately-financed student in Japan, will certainly complete their studies before the beginning of the payment of the scholarship and return to their home country;
6. Those who are planning to receive scholarship from an organization other than MEXT (including a government organization of the applicant’s country) after the beginning of the payment of Japanese Government (MEXT) Scholarship;
7. Those who are expected to obtain a Master’s degree at the time of application, and cannot satisfy the qualifications and the conditions related to academic background by the deadline given;
8. An applicant of dual nationality who cannot prove their expatriation of the Japanese nationality by the time of arrival; or
9. Those who are scheduling, at the time of application, long-term research activities (internship, fieldwork etc.) outside of Japan or leave of absence.

3. Scholarship and Benefits

- 1) Stipend: 145,000 yen per month (subject to change)

※Stipend will be paid for 3 years from October 2020 to September 2023. The recipient who is admitted into the Ph. D. program of Kanazawa University will not be able to extend his/her term of scholarship.

MEXT strictly requires that students admitted into this program complete their Ph.D. studies within three years from the start of their financial support.

- 2) Travel expenses: round-trip airfare between the applicant’s country and Japan

- Transportation to Japan: The grantee will be supplied with an economy class air ticket from the international airport nearest to his/her address at the time of leaving his/her country to an international airport in Japan, such as Kansai International Airport. Domestic flight fee, airport usage fee, airport tax, etc., will NOT be covered. (The address in the country of the grantee’s nationality stated in the application is in principle considered as the “Address at the time of leaving your country”, e.g. his/her family’s house). Air travel from a country other than the grantee’s nationality will not be covered.
- Transportation from Japan: The grantee who returns to his/her home country within the last-payment month of his/her scholarship will be provided, upon application, with an

economy class air ticket from an international airport in Japan to the international airport nearest to his/her home address.

Note 1: The cost of any aviation and accident insurance for travel to and from Japan shall be paid by the grantee.

Note 2: If a grantee continues to stay in Japan after the scholarship period has ended, he/she will not be paid travel expenses to return home for a temporary visit.

3) School Fees

- Entrance examination fee/Admission fee: waived
- Tuition fee: waived (from October 2020 to September 2023)

4. Application Procedures

The following documents must be submitted in either English or Japanese on A4-sized papers. If this is not possible, you must attach Japanese translations to each document.

- 1) Cover sheet (use the formats supplied)
- 2) Application form (use the formats supplied, within 5 pages, both sides printing)
- 3) Field of Study and Research Plan (use the formats supplied, both sides printing)
- 4) A photocopy of the university diploma, the certificate of degree, or a certified letter from the university at which the applicant is currently enrolled, stating the expected graduation date.
- 5) Official academic transcript in your Master's program.※1
- 6) A photocopy of a passport or birth certificate or certificate of citizenship of the applicant's home country.
- 7) A letter of recommendation written by the President, Dean or Director of the institution addressed to the President of Kanazawa University (use the format supplied)
- 8) Photographs (4.5×3.5 cm; upper front figure without a hat) taken within the past 6 months. Name and nationality must be indicated on the back. The photographs should be pasted on the specified place of the application form (2). A photo data (jpg) must be submitted by e-mail.
- 9) A summary of the Master's thesis written in English.
- 10) Acceptance letter written by a prospective academic advisor from Kanazawa University (an e-mailed one is also available).
- 11) Documents certifying that it meets the requirements of the language ability described on page2.※2
- 12) For those who are currently employed, a letter of release /recognition from their supervisor, recognizing their right to apply and/or pursue further education in Kanazawa University
- 13) Certificate of health (to be completed by the examining physician)
- 14) Pledge to the President (use the format supplied)
- 15) Pledge to the Director (use the format supplied)
- 16) Research achievements (arbitrarily)
- 17) Certificate of employment period (applicable person as below)
Only for those who satisfy the application requirement of educational background by adding his/her research history at a research institution (place of employment)

※1 The academic transcripts of the last university attended must show the grade scale applied and the grades earned by the applicant on all the subjects studied. If it is impossible to calculate your GPA, for example because your grade is judged only by pass / fail etc., please

include in “7) A letter of recommendation” the meaning that your academic record is in the top 30% of faculty, university or graduate school.

※2 Submit the following documents as “1) Documents certifying that the applicant meets the requirements of the language ability”.

[1] A certificate stating that the main instruction is English, from an institution you have completed / will have completed which meets the qualification to enter Japanese Doctoral course of graduate school.

And / or

[2] An original score of any test of English language ability such as TOEIC, TOEFL-iBT or IELTS.

If you cannot submit both [1] and [2], please submit any documents showing your English ability.

The application documents must be submitted by e-mail to the address below by 16:30(JST) on February 7, 2020, with the subject header “[MEXT LocSEES]”. The originals of the documents submitted by e-mail must be sent by registered air mail after receiving a notification of application complete.

E-mail address: s-yugo@adm.kanazawa-u.ac.jp

Application period: from 9:00(JST) on January 20, 2020 to 16:30(JST) on February 7, 2020

※Applications will not be accepted if any of the above documents are incomplete, incorrect or not supported by evidence. Those not meeting the specified deadline will not be accepted.

5. Notes

- 1) All applicants must keep in close contact with their prospective academic advisors at Kanazawa University to formulate their research plan.
- 2) Once submitted no documents will be returned.
- 3) After an applicant has agreed to accept the scholarship, he/she may not change their host institution in Japan.
- 4) The scholarship may be terminated in the following cases:
 1. Any information supplied with the application is later found to be false. Admission can be canceled any time after enrollment.
 2. They violate the pledge declared to the MEXT.
 3. They are subjected to a disciplinary punishment or judged by the faculty as not being able to continue the program.
 4. If it becomes definitive that they will not be able to graduate (or complete his/her course) within the standard course term because of his/her poor academic achievement or suspension.
 5. They quit Kanazawa University.
 6. They transfer to another university.
 7. They change the status of residence to one other than “college student”.
 8. They receive financial support from their government or other organizations (except for a scholarship designated for research expenses).
 9. At each point in every one year, the recipient’s GPA fell below 2.30. This GPA will be calculated by the method designated by MEXT.
- 5) The scholarship will be suspended if a leave of absence occurs or when the student fails to attend

the university for a long time.

- 6) Applicants are expected to learn and understand the geography, climate, customs and traditions of Japan as well as the rules of Kanazawa University. Although the thesis work can be carried out in English, it is recommended to get accustomed to the Japanese language essential for daily life.

6. Selection and Admission

Preliminary selection is carried out by the Selection Committee of Human Resource Development Program for Locally Producible and Usable Sustainable Energy and Energy Storage, based on the submitted documents listed in item “4. Application Procedure” above. The Committee may contact the applicant by e-mail for further information. Kanazawa University then recommends the selected candidates to MEXT, which will make the final decision of recipients. Admission starts from the semester beginning on October 1, 2020.

Applicants will be notified of the results of the preliminary selection by April 2020. Final results of the selection authorized by MEXT will be announced by July 2020.

7. Information

For further information, please use the contact below:

Graduate School of Frontier Science Initiative Affairs Section,
Student Affairs Division, Student Affairs Department
Kanazawa University
Kakuma-machi, Kanazawa, 920-1192, Japan
E-mail: s-yugo@adm.kanazawa-u.ac.jp

「The International Priority Graduate Programs (PGP)」

~Advanced Graduate Courses for International Students~
Course Guide

【1. Outline of the Course】

Course	Human Resource Development Program for Locally Producible and Usable Sustainable Energy and Energy Storage (Doctoral Program, 3 years)
Degree	Ph.D.
Graduate School and Division	Graduate School of Frontier Science Initiative Division of Transdisciplinary Sciences Division of Nano Life Science
	Graduate School of Natural Science and Technology Division of Mathematical and Physical Sciences Division of Material Chemistry Division of Mechanical Science and Engineering Division of Electrical Engineering and Computer Science Division of Environmental Design Division of Natural System

(NOTE) Inquiries regarding this program should be directed to the address below.

Graduate School of Frontier Science Initiative Affairs Section, Student Affairs Division,
Student Affairs Department

Kakuma-machi, Kanazawa, Ishikawa 920-1192, Japan

E-mail: s-yugo@adm.kanazawa-u.ac.jp

【2. Contents of the Course】

I. Aim of LocSEES Program

Graduate School of Frontier Science Initiative and Graduate School of Natural Science and Technology, Kanazawa University, will set up “Human Resource Development Program for Locally Producible and Usable Sustainable Energy and Energy Storage (LocSEES Program)” from 2020. The aim of the LocSEES Program is to educate students in the Ph.D. course to become professionals that can work throughout the world. The students study mainly Chemistry, Energy-related chemistry, Energy-related material sciences, and Nano-sciences.

II. Curriculum of LocSEES Program

1) **Quota:** 3 MEXT scholarship students, 3 privately financed foreign students, 2 Japanese students; 8 students in total.

2) **ScreeningA:** The MEXT scholarship applicants are all screened, and the passed students are accepted as students of the LocSEES Program.

ScreeningB: Privately financed foreign students and Japanese students can apply for the LocSEES Program after the entering the graduate school of Kanazawa University as regular students. The applicants are screened, and the passed students are included in the LocSEES Program.

Foreign students can get information about Japan and Kanazawa University on the university website.

3) **Official Language:** English

All the lectures in the LocSEES Program are given in English. Student research projects are directed and advised by professors in English.

4) **Requirements for Completing LocSEES Program:**

Category		Subjects(example)
Core Subjects (Required)		*Fostering the Independence of Researcher
Advanced Specialized Subjects (4credits or more)	Advanced Specialized Subjects in Energy Material and Device	*Advanced Study of Solar Cell Technology *Analysis of transport phenomena *Computational Material Design and so on
	Advanced Specialized Subjects in nanometrology	*Advanced Nanoscale Measurements *Nanoscale Biology *Nanoscale Biophysics and so on
	Practice Subjects	*Internship and so on
Research Support Subjects (1subject)		*Ph.D. thesis *Advanced Seminar

1: Get credits by taking classes in your Department.

2: Pass an examination of the Ph.D. thesis.

5) **Certificate of LocSEES Program:**

The LocSEES Program students who satisfy the requirements receive a certificate of Program as well as the Ph.D. diploma.

III. Advising Research Projects and Examination of Ph.D. Thesis

If you finds an advisor before enrolling in the Ph.D. course, you can receive preliminary advice through the internet. (After the enrollment, one main advisor and two vice-advisors direct and advise the student research project. A committee consisting of five professors examines the Ph.D. thesis.)