

GUIDELINES FOR APPLICANTS (2016)  
to the International Interactive Educational Course for Sustainable Development  
(Ph.D. Program)  
in the Graduate School of Natural Science and Technology  
Kanazawa University

The Graduate School of Natural Science and Technology is pleased to announce its Program for the Doctoral Degree in Natural Science and Technology 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 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 in principal. However, applicants of dual nationality who reside outside of Japan is eligible only if they will expatriate from Japan by the time of arrival in Japan.

2) Age:

Applicant must have been born on or after April 2, 1981.

3) Academic Background:

All applicants must satisfy one of the following requirements:

①Has obtained a Master's degree, or expects to obtain a Master's degree by the end of September, 2016.

②Has 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, 2016.

③Has spent two years or more at a university or research institution after graduating from a university or completed a 16-year course of school education abroad.

Be deemed by 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.

④Be deemed by 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.

Be 24 (years old) or older as of September 30, 2016.

\*Please note that applicant's academic record for last two years will be calculated by the method which is designated by Monbukagakusho. If it doesn't meet the requirements, the applicant will be disqualified for application.

4) Health:

All applicants should be certified as healthy by a qualified and recognized physician.

5) Language:

The thesis work will be carried out in English.

6) Arrival in Japan:

In principle, an applicant must arrive in Japan within two weeks of the date set by Kanazawa University for the beginning of the semester (around on October 1, 2016).

## 7) Other:

Applicants who meet any or all of the following conditions are not eligible. If identified after acceptance of the scholarship grantees, the applicants will be required to withdraw from the scholarship:

- ① If an applicant is a service member or a civilian employee registered on the active military list at the time of his/her arrival in Japan;
- ② Those who cannot arrive in Japan during the period designated by MONBUKAGAKUSHO or Kanazawa University;
- ③ If an applicant is a previous recipient of a Japanese government scholarship, and, does not have educational research 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 this scholarship, as of October 1, 2016. This does not apply to the past recipient of “Japanese studies” & “Japan-Korea Cooperative Program for Science and Engineering Students” scholarships who have graduated or are to graduate their universities in their countries;
- ④ If an applicant is, in principle, currently enrolled in a Japanese university or other type of school with the resident status of “College Student,” or will be enrolled in a Japanese university, etc. as another source or self-financed international student between the time of application for this scholarship in his/her country and the time the scholarship period is due to begin.
- ⑤ If an applicant is applying for another university with this scholarship at the same time;
- ⑥ If an applicant is a grantee of a scholarship from other organization (including any governmental organization of his/her own country) than the Japanese government (MONBUKAGAKUSHO) (Prospective beneficiaries are included) ;
- ⑦ Applicants who receive MONBUKAGAKUSHO or JASSO or another Japanese governmental scholarship and continue to study in Japan after October 2016.
- ⑧ Applicants who are expected to graduate at the time of application and, cannot satisfy the qualifications and the conditions of academic background by the deadline given;
- ⑨ Applicants of dual nationality who cannot prove their expatriation of the Japanese nationality by the time of arrival; or
- ⑩ Applicants who wish, from the time of application, to conduct fieldwork or internship outside of Japan, since this scholarship program is intended for overseas students who wish to enroll in a Japanese university and do graduate research in Japan.

## 2 Enrollment

5 research students will be accepted.

## 3 Scholarship Benefits

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

※ Stipend will be paid for 3 years from October, 2016 to September, 2019. The recipient admitted into the Doctoral program of Kanazawa University will not be able to extend his or her terms of scholarship.

Monbukagakusho strictly requires that students admitted to this program complete their doctoral studies within three years from the start of their financial support.

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

- a) Transportation to Japan: The grantee will be supplied with an economy class air ticket from the international airport nearest to his/her home address 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 "home address"). Air travel from a country other than the grantee's nationality will not be covered.
- b) 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.

Note1: The cost of any aviation and accident insurance for travel to and from Japan shall be borne by the grantee.

Note2: 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 as the temporary return.

3) Admission /Tuition fee: waived.

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 FOR JAPANESE GOVERNMENT (MONBUKAGAKUSHO:MEXT) SCHOLORSHIP
- 3) Field of Study and Study Program (use the formats supplied, both sides printing)
- 4) Photocopy of the university diploma and certificate of Master's degree, or a certified letter from the university at which the applicant is currently enrolled, stating the expected graduation date.
- 5) Official academic transcript of all applicable undergraduate and graduate course work from the institution including your GPA and/or ranking in your institution.
- 6) Photocopy of his/her 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 (4.5×3.5cm; 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).
- 9) A photocopy of the Master's thesis and a summary of the thesis written in English on A4-sized papers. Copies of any academic results in English are also acceptable with the thesis.  
An applicant who was not required to write a thesis for their Master's degree must state this in his or her application form and submit copies of any academic research papers (instead of the thesis.)
- 10) Acceptance letter written by a prospective academic advisor from Kanazawa University  
(An emailed one is also available.)
- 11) Certificate of official language qualifications such as TOEFL, TOEIC and/or IELTS.
- 12) Certificate of health (to be completed by the examining physician)

- 13) Pledge to the Director of Graduate school of Natural Science and Technology, Kanazawa University (use the format supplied)
- 14) Pledge to the President of Kanazawa University (use the format supplied)
- 15) Research achievements (in English)
- 16) For those currently employed, a letter of release/recognition from their supervisor, recognizing their right to apply and/or pursue further education in the doctoral program.

The documents must be submitted by email to his or her prospective academic advisor at Kanazawa University before January 22, 2016. Originals of documents submitted by email must be sent by registered air mail as soon as possible.

## 5 Notes

- 1) All applicants must keep in close contact with their prospective academic advisors at Kanazawa University to formulate their research plan.
- 2) 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.
- 3) Once submitted no documents will be returned.
- 4) After an applicant has agreed to accept the scholarship, s/he may not change their host institution in Japan.
- 5) The scholarship will be cancelled for a grantee in the following cases. Furthermore, if scholarship payments were made during the period the following cases applied, the grantee may be ordered to return scholarship payments received during that period.
  - ① Any information supplied with an application is later found to be false. Admission can be canceled any time after enrollment.
  - ② They violate the pledge declared to the Minister of Education, Culture, Sports, Science, and Technology.
  - ③ They have been subjected to a disciplinary punishment or judged by the faculty as not being able to continue the program.
  - ④ If it becomes definitive that the grantee 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 change to other 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).
- 6) The scholarship will be suspended should a leave of absence occur or when the student fails to attend school for a long time.
- 7) Applicants are expected to learn and understand the geography, climate, customs and traditions of Japan as well as the rules of Kanazawa University. Although 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 International Educational Course Selecting Committee, based on the submitted documents listed in Item“4 Application Procedure“. The Committee makes much of applicant’s aspiration to interactive study in this course. Kanazawa University submits the recommendation of candidates to Monbukagakusho, which will makes the final decision of

recipients. Admission starts from the semester beginning October 3, 2016.

Applicants will be notified of the results of the preliminary selection by April 2016. Final results of the selection authorized by Monbukagakusho will be announced by July 2016.

## 7 Information

For further information, please contact us via email, fax or air mail:

Admission Affairs Section  
Science and Engineering Administration Department  
Kanazawa University  
Kakuma-machi, Kanazawa, 920-1192, Japan  
Email: [s-nyusi@adm.kanazawa-u.ac.jp](mailto:s-nyusi@adm.kanazawa-u.ac.jp)

「The International Priority Graduate Programs (PGP)」

～Advanced Graduate Courses for International Students～

Course guide

【1. Outline of the Course】

①C o u r s e	International Interactive Educational Course for Sustainable Development
②D e g r e e	Doctoral Course (3Years)
③Graduate Course	Graduate School of Natural Science and Technology
	(Address) Kakuma-machi Kanazawa ISHIKAWA
④Division	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 and Division of Natural System

## 【2. Contents of the Course】

### I. Aim of II-ESD Course

Graduate School of Natural Science and Technology, Kanazawa University will set up “International Interactive Educational Course for Sustainable Development (II-ESD Course)” from April 2015. An aim of II-ESD Course is to educate students in the doctor course to have sophisticated abilities of international communications and collaborations. This program makes a point of interactive and practical trainings, including communications between international students and Japanese students, participating international projects and international seminars, and writing and presenting research achievements at international conference.

### II. Curriculum of II-ESD Course

A flowchart from the entrance to the graduation is shown in the next page.

1) **Quota:** Mobukagakusho scholarship students: 5, Privately financed international students: 5, Japanese students:5, Total quota: 15

2) **Screening:** The Monbukagakusho scholarship students are all screened, and the selected students are accepted as students in II-ESD Course. Privately financed international students and Japanese students are screened and accepted as regular students. After joining the graduate school of Kanazawa university, the students can apply to II-ESD Course. The applicants are screened, and the selected students are included in II-ESD Course. International students can get necessary information about Japan and Kanazawa university through the university website.

#### 3) Special Curriculum of II-ESD Course

- *Advanced Scientific and Engineering English (1st year):* Practical education is offered aiming to promote abilities of taking courses in English, writing papers and presenting research achievements in English, and debating with foreigners.

- *International Communication Exercise (2nd and 3rd years):* This course consists of symposiums, where students present their research results, meetings, where students discuss about some topics, hearing some tutorial lectures. Official language is English. This course is open to other students, professors, visiting researchers and international students enrolled in the other programs.

- *International Project Exercise (3rd years):* This course is based on participating international schools and seminars, and international cooperative research groups. Through these practical experiences, highly sophisticated international human resources are grown up.

#### 4) Official Language: English

Courses, which II-ESD Course students take, are provided in English. Student research projects are directed and advised by professors in English.

#### 5) Requirements for Completing II-ESD Course

- Get credits by taking courses in II-ESD and Regular Courses.
- Present technical papers at international conferences.
- Publish technical papers, including a main part of a doctor thesis, in a journal edited in English.
- Present a doctor thesis in English.
- Pass an examination of a doctor thesis.
- High language ability

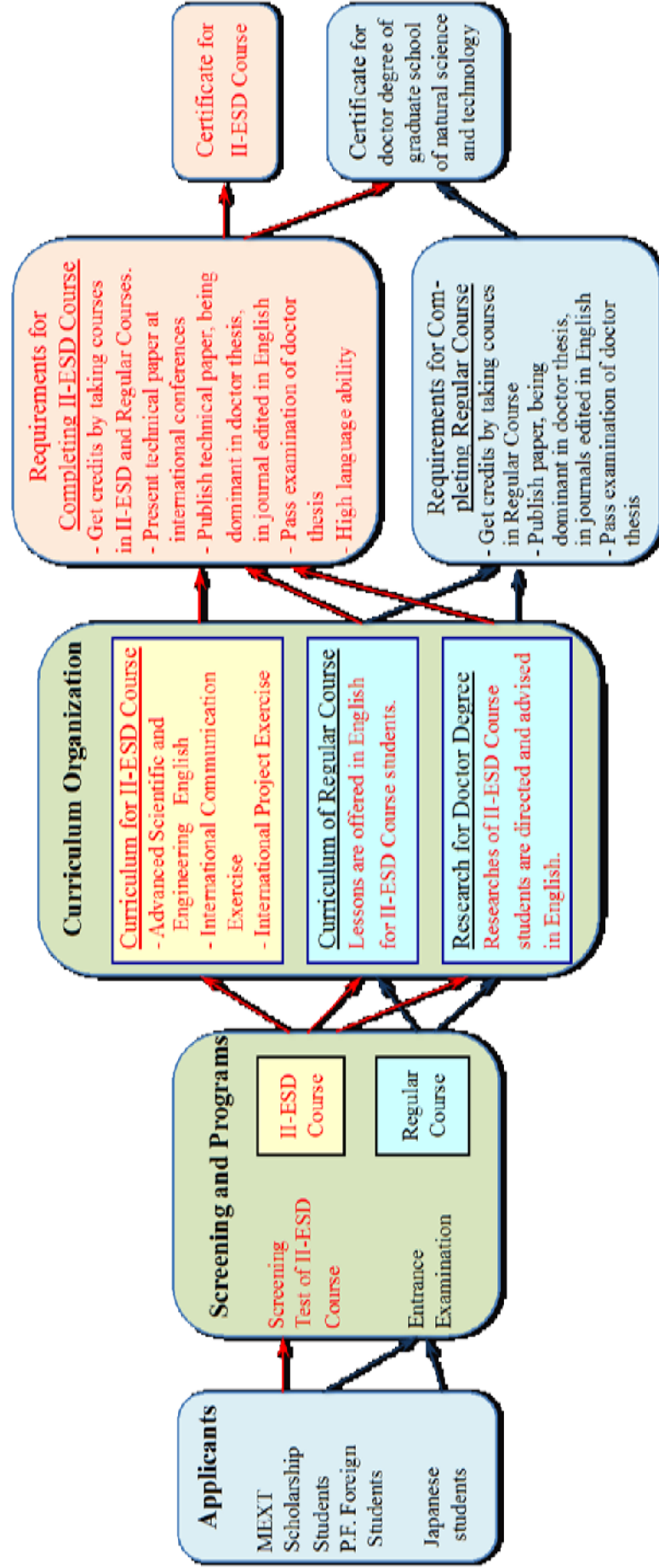
#### 6) Certificate of II-ESD Course:

II-ESD Course students, who satisfy the requirements, receive a certificate of II-ESD Course, besides a certificate of the doctor degree.

### III. Advising Students Research Projects and Examination of Doctor Thesis

- Before international students enter the doctor courses, they can receive several supports through internet.
- One main adviser and two advisers direct and advise student research project.
- A doctor thesis is fairly and strictly examined by a committee consists of five professors.

Fig. 1 Summary of "International Interactive Educational Course for Sustainable Development (II-ESD Course)"  
 Graduate School of Natural Science and Technology, Kanazawa University



(Note) Red characters, red lines and yellow flames are newly introduced contents by II-ESD Course.  
 MEXT scholarship: Monbukagakusho scholarship. P.F. scholarship: Privately financed scholarship