

**2021**  
**APPLICATION PROCEDURES FOR ADMISSION**  
**TO THE PhD PROGRAM FOR WORKING PEOPLE**  
**OF THE INTERDISCIPLINARY GRADUATE SCHOOL OF**  
**ENGINEERING SCIENCES**  
**KYUSHU UNIVERSITY**

**Screening of International Working People for Admission to the Graduate School  
in April 2021**

**November 2020**

**INTERDISCIPLINARY GRADUATE SCHOOL OF ENGINEERING SCIENCES**  
**KYUSHU UNIVERSITY**

## 1. Introduction

2021 Guidelines for Application Submissions to the PhD Program for Working People

The Interdisciplinary Graduate School of Engineering Sciences (IGSES) at Kyushu University offers several educational course programs for PhD students, including the PhD Program for Working People. The PhD Program can be ideal for those looking to gain a PhD without leaving employment and develop their careers while they continue working.

Applicants are required to read this set of guidelines and the IGSES website before application submission carefully. If you would like to apply to other doctoral programs, please refer to the IGSES website for specific instructions.

## 2. Overview of admission schedule

**Applicants should find and contact the supervisor as the first step of admission procedures.**

**Applicants are strongly encouraged to submit their applications as early as possible** to allow our office and potential supervisors' sufficient time to consider the submitted documents.

In the event that the documents submitted do not meet this guideline, our office will ask the applicant to submit other materials or modify the documents. If applicants cannot submit all of the required documents by the submission deadline, the application will be automatically rejected regardless of completing the submission.

Admissions timetable

Contact the supervisor	Find and contact the supervisor as a first step.
Application deadline	17:00, January 20, 2021, Japan time
Screening	For the period between Tuesday, February 16 and Thursday, February 18, 2021, applicants may be required to attend an online interview. The details will be announced later from the relevant department.
Notification of screening results	February 25, 2021
Enrollment procedures	March 1 - 10, 2021
Enrollment	April 1, 2021

## 3. Eligibility

Applicants must meet the following conditions.

- 1) Applicants must hold a master's degree (or equivalent) awarded by a university or expect to earn a master's degree (or equivalent) by March 31, 2021.
- 2) Applicants must possess an acceptable official English qualification, such as a qualifying TOEFL, TOEIC, IELTS, or Cambridge Certificate scores, or some equivalents (a photocopy of the scores obtained must be attached).
- 3) Applicants must have a position in service to the government, municipal offices, or companies.

◆ Applicants who are unsure of their eligibility MUST contact the IGSES Student Affairs Division one month before the application deadline at [igsesadmission@tj.kyushu-u.ac.jp](mailto:igsesadmission@tj.kyushu-u.ac.jp).

#### 4. Admission capacity

IGSES will accept a small number of students.

- Department of Interdisciplinary Engineering Sciences

#### 5. Application procedures

Applicants are requested to send the documents listed below by registered special delivery mail. “Application forms for PhD Program for Working People” should be written in red on the envelope.

##### 5.1 Documents to be submitted

1. **Application form:** The provided application form should be completed, and a photograph must be attached. (Educational background should be stated from the elementary school level so that the total years of formal education can be calculated).
2. **The master’s degree certificate or statement that confirms expected graduation:** to be issued by the university from which you graduated or will graduate most recently.
3. **A certified copy of the applicant’s master’s degree thesis:** from the university from which you graduated most recently or will graduate.
4. **Academic record (Master’s course transcript):** to be issued by the university from which you graduated most recently or will graduate.
5. **Letter of recommendation:** The letter of recommendation should be written by a person in a supervisory position at the applicant’s present institution. It should be in A4 size, and no specific format is required
6. **English test/exam certificate:** TOEFL, TOEIC, IELTS, Cambridge Certificate scores, or some equivalents. (a photocopy of the scores obtained must be attached)  
Applicants who graduated from a university outside Japan and took the course taught in English are allowed to submit the letter from the university president or dean instead of above English qualification, which certify applicants’ English proficiency as CEFR level B2 or higher.  
Applicants from the following countries are exempt from the requirement to submit evidence of English language ability:  
Antigua and Barbuda, Australia, Bahamas, Barbados, Belize, Canada, Dominica, Grenada, Guyana, Republic of Ireland, Jamaica, New Zealand, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, United Kingdom, United States of America
7. **Acceptance letter from an IGSES faculty member:** Applicants MUST submit an invitation letter from an IGSES faculty member who is willing to accept you as a PhD student through the Doctoral Program (see also “10. How to Find a Research Supervisor”).
8. **Research proposal:** A research proposal should be submitted to state the purpose, the background, the specific plan and methodology of your research. It should be in A4 size, and no specific format is required.
9. **Application fee:** Proof of payment of application fee of 30,000 JPY

##### 5.2 Application fee

Application fee 30,000 yen

Applicants are required to transfer the application fee to the following bank account with the bank transfer from December 16, 2020, to January 20, 2021. Please write your name, desired department and “3ES” (the code for the PhD course of IGSES) in the name box.

- Please make sure to transfer in Japanese YEN.
- Please kindly bear all the remittance charges with yourself.

**Beneficiary:**

*Name:* Kyushu University

*Address:* 744 Motooka, Nishi-ku, Fukuoka 819-0395

*Nationality:* JAPAN

**Beneficiary's bank:**

*Name:* SUMITOMO MITSUI BANKING CORPORATION

*Branch Name:* FUKUOKA BRANCH

*Address:* 1-1-1 Hakataekimae, Hakata-ku, Fukuoka 812-0011, JAPAN

*A/C No.:* 7119240

*Swift Code:* SMBCJPJT

◆ Credit card payments accepted if paid from overseas (outside Japan).

The payment period is from December 16, 2020, to January 20, 2021 (Japan time).

(See details on the last page)

**5.3 Application period**

From Wednesday, January 6, 2021, to Wednesday, January 20, 2021, at 5 p.m.(Japan time)

(Application documents sent by mail must be RECEIVED by this time.)

**5.4 The above documents should be submitted to**

Student Affairs Division, Interdisciplinary Graduate School of Engineering Sciences, Kyushu University

6-1, Kasugakoen, Kasuga-shi, Fukuoka 816-8580 JAPAN

Phone (country code 81)-92-583-7512

**6. Procedures of screening and time and place of examination**

- The screening will be carried out on the basis of an interview and the documents submitted with the application form.
- Date and place of the examination

*Date:* Either one day between Tuesday, February 16 and Thursday, February 18, 2021.

(The details will be given at a later date.)

*Place:* Online interview.

**7. Announcement of the result of the screening**

On Thursday, February 25, 2021, at noon, the results will be posted on both the public notice board outside the administration building on Chikushi Campus and the website of IGSES. In addition, the results will be sent by postal mail to the applicants at a later date. Please note that the information on the website might be delayed.

\*We cannot respond to any inquiries by phone about the results of the screening.

**8. Enrollment procedures**

- **Registration period:** From March 1 to March 10, 2021
- **Admission fee:** 282,000 yen
- **Tuition:** 267,900 yen for the first semester [Annual total of 535,800 yen]  
(If the tuition is revised when you are at school, the new tuition will be imposed.)

## 9. Date of enrollment

April 1, 2021.

## 10. How to find a research supervisor

### List of IGSES faculty members as potential research supervisors

- The IGSES website gives a list of IGSES faculty members who are open to accepting international students.
- The list contains the professors' names, their research areas, URL of their laboratories, potential themes for PhD research, and preferred method contact with applicants.
- Please carefully read the list and select a professor under whom you would like to conduct your PhD research.
- You should extensively prepare and research the activities of your chosen professor. Most professors and their research groups have detailed websites and extensive publication lists. Multi-post email requests are not encouraged.
- Please remember that IGSES professors are enthusiastic about welcoming excellent applicants. Based on the submitted documents or your email contact, professors will assess whether an applicant possesses sufficient academic ability, such as a basic knowledge of their chosen research area, strong ability for self-learning, excellent communication and presentation skills, as well as strong motivation to undertake doctoral-level research.

## 11. Miscellaneous

- Documents that you submit will not be returned and the screening fee is non-refundable. No changes will be accepted regarding the contents of the documents after you have submitted them.
- The University provides consultation for applicants with disabilities who may require special arrangements during the entrance examinations or in classes after enrollment. Please contact the Student Affairs Division at the address given below prior to the application process as soon as possible as it sometimes takes extra time to decide on the arrangements depending on the situation.
- Please contact the Student Affairs Department at the address given below for any question concerning admission procedures.

## 12. Handling of personnel information

- The personal information on the application documents will be used for the admission screening and the following purposes.
  - Address, name and other personal information of successful applicant will be used for enrollment procedure.
  - The personal information used for the admission screening, such as your grades and other personal information, will be utilized anonymously for research and study related to the admission screening of this graduate school.
- The personal information on the application documents will not be provided to any third party or used for any purposes other than above without obtaining prior consent from the actual applicant, with the exception of the case stipulated in the Article 9 of the Act on the Protection of Personal Information Held by Independent Administrative Agencies.
- Refer to the following web page regarding the other handling of personal information.  
<http://www.kyushu-u.ac.jp/en/website/privacypolicy>

## Interdisciplinary Graduate School of Engineering Sciences, Kyushu University

Serious environmental problems have emerged in recent years. Many of these problems are man-made and have a global impact, which is threatening the quality of life. We are challenged to contribute solutions to these problems by developing innovative approaches in the field of science and technology. For a sustainable society, promoting environmentally benign technology is necessary.

The Interdisciplinary Graduate School of Engineering Sciences is an academic organization that offers graduate programs exclusively. This graduate school comprises one department: The Department of Interdisciplinary Engineering Sciences. The entrance examination for the PhD program is conducted at three areas: category I (material science), category II (energy systems), and category III (environmental science and engineering). Our graduate school aims to nurture the engineers and researchers who would like to play an active role in the establishment of a global society with sustainable growth through advanced specialist knowledge on symbiotic technology and the ability to explore and resolve issues regarding materials, energy, and the environment as well as their integrated fields. The curriculum of the department is designed to provide education at several levels, with some joint lecture courses, interdisciplinary lectures, and more integrated cross lectures in different research areas for all students. It is our special mission to provide students with necessary know-how for them to become engineers and researchers of high potential and be well-versed in issues and solutions pertaining to environmentally benign technology.

For details, please access the following site:

< <http://www.tj.kyushu-u.ac.jp/en/> >.

## Laboratories and Academic Staff Members

Laboratories belonging to Category I

Section	Laboratory 【Academic Staff】	Lab-Number
Electronic and Chemical Properties	Theory of Functional Materials 【Shimanoe · Watanabe】	I-1
	Chemistry and Physics of Functional Materials 【Ohtaki · Suekuni】	I-2
	Functional Inorganic Materials Chemistry 【Einaga · Hojo】	I-3
	Structural Science for Materials 【Nishibori】	I-4
	Structural Ceramics Materials Engineering 【Jang】	I-5
	Design and Analysis of Ceramic Nanostructures 【Inada】	I-6
	Development of Advanced Materials 【Xu · Yamada · Uehara】	I-7
Bulk Properties	Structural Materials Science 【Nakashima · Mitsuhara】	I-8
	Crystal Physics and Engineering 【Itakura】	I-9
	Electron Microscopy for Materials 【Hata】	I-10
	Materials Science and Engineering under Extreme Conditions 【Hashizume】	I-11
	Process Design Engineering 【Kangawa】	I-12
	Extreme State Science for Nuclear Materials 【Watanabe】	I-13
	Plasma Materials Science 【Tokunaga】	I-14
	Characterization of Materials Structures and Properties 【Ohashi · Takada · Sakaguchi · Hara】	I-15

Surface, Interface and Device Properties	Surface Science 【Mizuno・Nakagawa】	I-16
	Advanced Functional Materials 【Fujino】	I-17
	Advanced Nanomaterials Science 【Ago】	I-18
	KOINE Project Division 【Harada】	I-19
	Chemical Reaction Engineering 【Hayashi・Kudo】	I-20
	Nanomaterial and Nanodevice Science 【Saito】	I-21
分子物性科学系 Molecular and Materials Science	Quantum Chemistry 【Aoki】	I-22
	Molecular Spectroscopy 【Harata・Yabushita】	I-23
	Molecular Science 【Furuya】	I-24
Synthetic Organic Chemistry	Development of Novel Organic Molecules and Reactions 【Tomooka】	I-25
	Organic Synthesis for Life Science 【Shindo・Kano】	I-26
	Design of Advanced Organic Compounds 【Kuninobu】	I-27
Molecular Materials and Process Engineering	Materials Science for Electrochemistry 【Albrecht】	I-28
	Molecular Engineering of Functional Materials 【Kikuchi・Okumura】	I-29
	Advanced Polymer Science and Technology 【Yokoyama・Takahashi】	I-30
	Macromolecular Materials and Applications 【Spring】	I-31
	Device Materials Science 【Yoon・Miyawaki】	I-32
	Functional Organic Materials Chemistry 【Fujita】	I-33

Laboratories belonging to Category II

Section	Laboratory 【Academic Staff】	Lab-Number
Device Systems	Ionized Gas Dynamics 【Yamagata・Teii】	II-1
	Opto-Electronics 【Hamamoto】	II-2
	Electronic Physical Device Engineering 【Yoshitake】	II-3
	Nonlinear Physics 【Sakaguchi・Morino】	II-4
	Functional Device Engineering 【Wang】	II-5
	Electronic System Engineering 【Hattori】	II-6
	Power Device Engineering 【Saito】	II-7
	Energy Electrical Engineering 【Nishizawa】	II-8
Applied Plasma and Quantum Engineering	Plasma Science and Engineering 【Hayashi】	II-9
	Advanced Space Propulsion Engineering 【Yamamoto】	II-10
	Nuclear and Radiation Engineering Physics 【Watanabe・Kin】	II-11
	Energy Chemical Engineering 【Katayama】	II-12
	*Extreme Environment Machine Engineering 【-】	
	Applied Quantum Beam Engineering 【Sakaki】	II-14
Fusion Plasma	Fusion Plasma Physics and Control Engineering 【Ido】	II-15
	Fusion Plasma Science and Technology 【Hanada】	II-16
	Advanced Plasma Science and Engineering 【Ide・Ikezoe】	II-17
	*Fusion Science 【Tanaka】	
Fundamentals of Plasma	Plasma and Fusion Physical Science 【Fujisawa・Nagashima】	II-19
	Non-Equilibrium Plasma Science and Engineering 【Inagaki】	II-20
	Nonlinear Plasma Science 【Yamada】	II-21
Theory and Simulation for Plasma	Plasma Simulation Physics 【Kasuya】	II-22
	Theoretical Plasma Physics 【Kosuga】	II-23
	Atomic Molecular Optical Science 【Kato】	II-24

\* We do not accept applications this time for the laboratory with asterisk (\*).

Laboratories belonging to Category III

Section	Laboratory 【Academic Staff】	Lab-Number
Energy and Environment	High-speed Gas Dynamics 【Anyoji】	III-1
	Thermal Science and Energy 【Watanabe】	III-2
	Thermal Energy Conservation Systems 【Miyazaki・Kyaw】	III-3
	*Heat Transfer Engineering 【-】	
	Engine and Combustion 【Tasima】	III-5
Social Space and Environment	Urban Environmental Sciences 【Hagishima・Ikegaya】	III-6
	Complex Social and Environmental Systems 【Tanimoto】	III-7
	Architectural Environmental Engineering 【Ito】	III-8
	Energy and Environmental Systems 【Farzaneh】	III-9
Renewable Energy Engineering	Bioenergy Engineering 【Todo】	III-10
	Ocean Systems Dynamics 【Hu】	III-11
	Wind Turbine System Engineering 【Yoshida】	III-12
	Wind Engineering 【Uchida】	III-13
Fluid Environment	Space Environmental Fluid Dynamics 【Matsukiyo】	III-14
	Environmental Hydrodynamics 【Sugihara】	III-15
	Water and Environmental Engineering 【Eljamal】	III-16
Atmospheric Environment	Atmospheric Physics 【Okamoto・Yamamoto】	III-17
	Climate Change Science 【Takemura】	III-18
	Atmospheric Environment Modeling 【Yumimoto】	III-19
	Nonlinear Dynamics 【Okamura】	III-20
Oceanic Environment	Descriptive Marine Physics 【Tokinaga・Ichikawa】	III-21
	*Marine Engineering 【-】	
	Ocean Circulation Dynamics 【Senju・Endo】	III-23
	Ocean Dynamics 【Isobe・Kida】	III-24
	Ocean Modeling 【Hirose】	III-25

\* We do not accept applications this time for the laboratory with asterisk (\*).

# KYUSHU UNIVERSITY

## How to make the Payment for the Application Fee by Credit Card, Union Pay, and Alipay.

24 hours a day, 365 days a year, you can pay anytime! Easy, Convenient and Simple!

You can pay the Application Fee by using Credit Card, Union Pay, and Alipay.



Access

<https://e-shiharai.net/english/>



Online Transaction

1. Top Page	Click "Examination Fee".
2. Terms of Use and Personal Information Management	Please read the Terms of use and Personal Information Management. Click "Agree" button located in the lower part of this page if you agree with these terms. Click "Not agree" button located in lower part of this page if you do not agree with these terms.
3. School Selection	Select "Kyushu University (Undergraduate Schools)" or "Kyushu University (Graduate Schools)."
4. School Information	Read the information carefully and click "Next".
5. Category Selection	Choose First to Fourth Selection and add to Basket.
6. Basket Contents	Check the contents and if it is OK, click "Next".
7. Basic Information	Input the applicant's basic information. Choose your credit card and click "Next".

### Paying at Credit Card

Input Credit Card Number (15 or 16-digits), Security Code and Expiration date.

All of your application information is displayed. Check and Click "Confirm".

Click "Print this page" button and print out "Result" page.

### Paying at Union Pay, Alipay

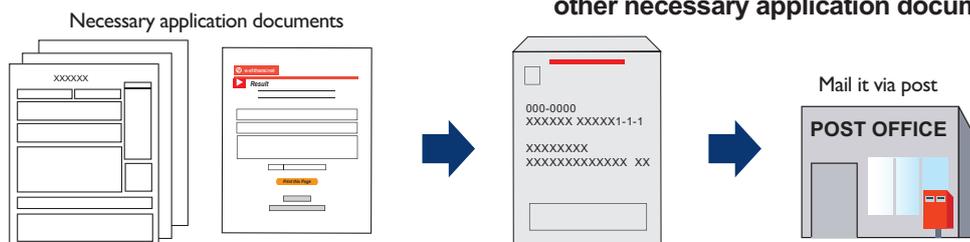
Follow the onscreen instructions to complete the card payment.

Please click the "Application Results" button in the upper part of this site (e-shiharai.net).

Please write down the "Receipt Number" given when you complete your application, and enter your "Payment Method", "Receipt Number" and "Birth Date". Please make sure your printer is ready.

Please print out the "Payment Inquiry - Inquiry result" page.

Enclose the printed "Result" page in an application envelope with other necessary application documents.



### [NOTICE/FAQ]

- You can make a payment anytime, during the payment period mentioned in the application instructions.  
Please refer to the application instructions and complete payment in time.
- Please complete payment by 11:00 pm Japan time, on the last date of the payment period.
- Please note that refund is not possible once you have made a payment of Application fee.
- A fee is added to Examination fee. For further info, please visit our website.
- It is possible to use a card which carries a name different from that of the applicant. However, please make sure that the information on the basic information page is that of the applicant him/herself.
- If you did not print out "Result" page, you can check it later on Application Result page. Please enter "Receipt Number" and "Birth Date" to redisplay.
- Please directly contact the credit card company if your card is not accepted.

For questions or problems not mentioned here, please contact:

**E-Service Support Center Tel : +81-3-5952-9052 (24 hours everyday)**

Application

**APPLICATION FORM 2021**  
**PHD PROGRAM FOR WORKING PEOPLE**  
 Interdisciplinary Graduate School of Engineering Sciences (IGSES)  
 Kyushu University

**For office use only**

Examinee number

This is the application form for enrollment into the April 2021 PhD Program for Working People. All fields must be completed; failure to complete fields may delay the processing of your application.

**Please read the attached guidelines very carefully.**

This form must be typewritten. **Handwritten applications will not be accepted.**

**Section A: Your personal details**

Please enter your name exactly as it appears on your passport (See Note 1).

Family name:		Title: (Mr., Ms., Mrs., Miss, Dr.)	
First name:		Gender	Attach a photograph of yourself taken within the past 3 months.  Write your name and nationality in block letters on the back of the photo.  (4.5×3.5cm )
Middle name(s):		Male <input type="checkbox"/>	
		Female <input type="checkbox"/>	

Date of birth    month ____ day ____ year _____	Age on April 1, 2021:
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**Section B: Contact information**

This is the address we will use to send your offer letter; please inform us immediately if you change your address.

Home address:	Correspondence address (if different):		
City:	City:		
Postal code:	Postal code:		
State or province:	State or province:		
Country:	Country:		
Telephone (home):	Country code:	Area code:	Number:
Telephone (mobile):	Country code:	Area code:	Number:
Email address:			
Skype ID (if available):			
Current occupation	Working at [input a name of company/organization which you are working at]		

## Section C: Nationality and citizenship

Country of birth: \_\_\_\_\_

Please include all countries of which you are or have been a citizen. If you have renounced your citizenship to a particular country, please specify the date of renouncement. Please do not specify an end date unless you are no longer a citizen of that country. If you are a citizen of multiple countries, please indicate which passport you will use to enter Japan by placing an asterisk (\*) next to this entry and listing it first. Please provide the passport number, nationality, and expiration date.

Nationality	From (dd/mm/yyyy)	To (dd/mm/yyyy)	Passport number and expiration date (dd/mm/yyyy)

**COUNTRY OF RESIDENCE.** Please provide residency information for the past three years. This includes the country in which you normally live, but not a country in which you are temporarily studying. Please do not specify an end date unless you no longer reside in that country.

Country	From (dd/mm/yyyy)	To (dd/mm/yyyy)

## Section D: Guarantor

For the purposes of this application, a guarantor is defined as a person who knows you personally and can be contacted if any emergency should arise. Ideally, the guarantor should be a close family member who currently resides in the country in which you also currently live and who is able to communicate in Japanese or English.

Name:	Relationship to applicant:
Contact address:	
Tel:	Email address: (if available)

## Section E: English language ability

If you are a citizen of one or more of the following countries in which English is an official language, you are exempt from the language requirements of this application. Mark the box if applicable.

**I am from a country listed below. → Go to Section F**

Antigua and Barbuda, Australia, Bahamas, Barbados, Belize, Canada, Dominica, Grenada, Guyana, Republic of Ireland, Jamaica, New Zealand, St Kitts and Nevis, St Lucia, St Vincent and the Grenadines, Trinidad and Tobago, United Kingdom, United States of America.

Select the appropriate English language qualification which you hold. With this form, please submit a score sheet as evidence of proficiency in English (See Note 2).

**TOEIC®**     **TOEFL® iBT**     **IELTS™**

**Other** (please specify) : \_\_\_\_\_

Overall score: \_\_\_\_\_

Date of test: \_\_\_\_\_



## Section H: Home institutions and degrees

In the rows for "Overall Score," please indicate your overall score (e.g. GPA) and type of degree (e.g. Bachelor of Engineering, Master of Science).

### Undergraduate education

Type of degree:		Date awarded:	mm/yyyy
Overall score:			
Academic advisor or supervisor:	Name:		
	Title:	Position:	
	Email address:		
Institution name:		Country:	
Name of department or faculty:			

### Graduate education

Type of degree:		Date awarded:	mm/yyyy
Overall score:			
Academic advisor or supervisor:	Name:		
	Title:	Position:	
	Email address:		
Institution name:		Country:	
Name of department or Faculty:			

## Section I: Academic reference information

Please nominate ONE ACADEMIC reference.

In addition, include his/her recommendation letter with the application documents you submit.

Reference	Title:	Name:	
	Name of institution, faculty, and department:		
	Contact address	Telephone:	
		Email address:	
		Postal address:	

## Section J: Potential supervisors

Please list the IGSES professor who you would like to have supervise your doctoral study. You are required to contact him/her beforehand, and obtain an invitation letter.

**Name:**

**Department :**

## Section K: List of academic achievements

List publications as per the following sub-sections: peer-reviewed journal articles, journals without peer reviews, international conferences, domestic conferences, books, patents and others.

List authors according to original order as they appeared on the scientific paper, complete title of the journal and article, first and last page of the article, and year of publication.

Do not list papers currently being written or papers submitted but not yet accepted.

Peer- reviewed journal articles

Journal articles without peer reviews

Proceedings from international conferences

Proceedings from domestic conferences

Books

Patents

Others.

## Section L: Check list

Please carefully verify that you have fulfilled the following requirements prior to submission.

✓ The documents from #1 to #9 must be submitted via registered mail prior to the deadline.

- 
- 1. Completion of this Application Form
  - 2. The Master's Degree Certificate or Statement that confirms expected graduation
  - 3. A Certified Copy of the Applicant's Master's Degree Thesis
  - 4. Academic Record (Master's course transcript)
  - 5. Letter of Recommendation
  - 6. English test/exam certificate
  - 7. Acceptance letter from an IGSES faculty member
  - 8. Research Proposal
  - 9. Proof of payment of application fee of 30,000JPY