

2023
APPLICATION PROCEDURES FOR ADMISSION
TO THE DOCTORAL COURSE (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 2023**

November 2022

INTERDISCIPLINARY GRADUATE SCHOOL OF ENGINEERING SCIENCES
KYUSHU UNIVERSITY

1. Introduction

2023 Guidelines for Application Submissions to the Doctoral Course for Working People

The Doctoral Course of 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 supervisor's 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 16, 2023, Japan time
Screening	For the period between Monday, February 13 and Wednesday, February 15, 2023, applicants may be required to attend an online interview. The details will be announced later from the relevant department.
Notification of screening results	Friday 24, 2023
Enrollment procedures	March 1 - 10, 2023 (prospective)
Enrollment	April 1, 2023

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, 2023.
- 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@jimu.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 the Doctoral Course of the IGSES (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. **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”).
7. **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.
8. **Application fee:** Proof of payment of application fee of 30,000 JPY

5.2 Application fee

Application fee 30,000 JPY

Applicants are required to transfer the application fee to the following bank account with the bank transfer from December 22, 2022, to January 16, 2023. 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 22, 2022, to January 16, 2023 (Japan time).
(See details on the last page)

5.3 Application period

From Thursday, January 5, 2023, to Monday, January 16, 2023, 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
E-mail address for inquiries: igsesadmission@jimu.kyushu-u.ac.jp

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 Monday, February 13 and Wednesday, February 15, 2023.
(The details will be given at a later date.).
Place: Online interview.

7. Announcement of the result of the screening

On Friday, February 24, 2023, 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, 2023 (tentative)
- **Admission fee:** 282,000 JPY (tentative)
- **Tuition:** 267,900 yen for the first semester [Annual total of 535,800 JPY] (tentative)
(If the tuition is revised when you are at school, the new tuition will be imposed.)

9. Date of enrollment

April 1, 2023.

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.
Student Affairs Division, Interdisciplinary Graduate School of Engineering Sciences, Kyushu
E-mail address: srkkyomu@jimu.kyushu-u.ac.jp

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.
<https://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. 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:

< <https://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 Ceramics Materials Engineering 【Jang】	I-4
	Design and Analysis of Ceramic Nanostructures 【Inada】	I-5
	Development of Advanced Materials 【Xu • Yamada • Uehara】	I-6
Bulk Properties	Structural Materials Science 【Nakashima • Mitsuhara】	I-7
	Crystal Physics and Engineering 【Itakura】	I-8
	Electron Microscopy for Materials 【Hata】	I-9
	Materials Science and Engineering under Extreme Conditions 【Hashizume】	I-10
	Materials Structure Design 【Iikubo】	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 Material Structure and Properties 【Ohashi • Hara • Sakaguchi】	I-15
Surface, Interface	Surface Science 【Nakagawa】	I-16

and Device Properties	Computational Materials Science 【Tsuji】	I-17
	Advanced Functional Materials 【Fujino】	I-18
	Advanced Nanomaterials Science 【Ago】	I-19
	KOINE Project Division 【Harada】	I-20
	Chemical Reaction Engineering 【Hayashi · Kudo】	I-21
	Nanomaterial and Nanodevice Science 【Saito】	I-22
	International Laboratory for Nanomaterials 【Yanagita · Murayama · Ho · Yip】	I-23
Molecular and Materials Science	Quantum Chemistry 【Aoki】	I-24
	Molecular Spectroscopy 【Harata · Yabushita】	I-25
	Molecular Science 【Furuya】	I-26
	Biomolecular function chemistry 【Murata】	I-27
Synthetic Organic Chemistry	Development of Novel Organic Molecules and Reactions 【Tomooka】	I-28
	Organic Chemistry for Life Science 【Shindo · Kano】	I-29
	Design of Advanced Organic Compounds 【Kuninobu · Mori】	I-30
Molecular Materials and Process Engineering	Materials Science for Electrochemistry 【Albrecht】	I-31
	Molecular Engineering of Functional Materials 【Kikuchi · Okumura】	I-32
	Advanced Polymer Science and Technology 【Yokoyama】	I-33
	Polymer Chemistry 【Spring】	I-34
	Device Materials Science 【Yoon · Miyawaki】	I-35
	Functional Organic Materials Chemistry 【Fujita】	I-36

* We do not accept applications this time for the laboratory number with a diagonal line.

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·Yamamoto】	II-5
	Electronic System Engineering 【Hattori】	II-6
	Power Device Engineering 【Saito】	II-7
	Energy Electrical Engineering 【Nishizawa】	II-8

Plasma Application 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 【Idei・Ikezoe】	II-17
	Fusion Science 【Tanaka】	II-18
Fundamentals of Plasma	Plasma and Fusion Physical Science 【Fujisawa・Nagashima】	II-19
	Non-Equilibrium Plasma Dynamics 【Moon】	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

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Laboratories belonging to Category III

Section	Laboratory 【Academic Staff】	Lab-Number
Energy and Environment	High-speed Gas Dynamics 【-】	
	Thermal Science and Energy 【Watanabe】	III-2
	Thermal Energy Conservation Systems 【Miyazaki・Kyaw Thu】	III-3
	Heat Transfer Engineering 【-】	
	Engine and Combustion 【-】	
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
	Marine Environment and Energy Engineering 【Hu】	III-11
	Wind Energy 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 · Sato】	III-17
	Climate Change Science 【Takemura · Eguchi】	III-18
	Atmospheric Environment Modeling 【Yumimoto】	III-19
	Nonlinear Dynamics 【-】	
Ocean Environment	Descriptive Marine Physics 【Tokinaga · Ichikawa】	III-21
	Ocean Engineering 【-】	
	Ocean Circulation Dynamics 【Senjyu · Endoh】	III-23
	Ocean Dynamics 【Isobe · Kida】	III-24
	Ocean Modeling 【Hirose】	III-25

* We do not accept applications this time for the laboratory number with a diagonal line.