Graduate School of Science and Engineering Ibaraki University

Doctoral Program

Application Guidelines for the Entrance Examination

For entry on April 1, 2022 or September 21, 2022

[Security Export Control]

Ibaraki University has established the internal regulations, based on the Foreign Exchange and Foreign Trade Act stipulated by the Government of Japan and the university will appropriately manage the export of goods, the transfer of technologies, the exchange of human resources, etc., particularly from the perspective of security. As a part of this effort, foreign students and researchers must submit their research contents before they are accepted as students/staff members/visitors of the university.

If the subjects are considered to be the matters regulated by laws, please ensure that you consult with the expected supervisor and provide confirmation before submitting the application form as there could be restriction or even prohibition to conduct your desired research activities or to receive education.

As a part of the admission process, we will request you to submit a pledge to comply with the Foreign Exchange and Foreign Trade Act.

The Graduate School of Science and Engineering (GSSE) of Ibaraki University was founded in 1995. The Institute of Applied Beam Science (IABS) was established as part of the GSSE in 2004 for study and utilization of a wide variety of quantum beams including, but not limited to electromagnetic radiation (X-rays, γ -rays, and optical laser beams) and particle beams (neutron, electron, proton) defined together as Quantum Beams. We are excited to announce that GSSE have been expanded from April 2016 with the Institute of Quantum Beam Science (IQBS) program. The re-envisioned GSSE have three institutes that are IQBS, Institute of Complex Systems Science, and Institute of Society's Infrastructure Systems Science as the result of reorganization of the six current institutes (Applied Beam Science, Material Science, Science, Information and System Sciences, Industrial Physical Sciences. Environmental and Functional Sciences).

Successful applicants for graduate school at GSSE of Ibaraki University will enjoy an engaging and enriching educational program in addition to pursuing their own, individualized research studies in working toward becoming experts of their respective fields. Graduate students are expected to have an important role at the GSSE of Ibaraki University by actively participating in research, assisting teaching and providing significant contributions to science and engineering. They will study under the supervision of respected and dedicated faculty members at the GSSE. The educational, scientific, and engineering programs will prepare the students to start their life in their intended career choice after the graduation from the GSSE of Ibaraki University.

I. Authorized Student Enrollment

Major	Fields of Study	Enrollment
	Environmental Radiation Science	
Quantum Beam Science	Material Engineering and Quantum Science	A few
	Quantum Chemistry and Biochemistry	
	Beamline Science	
	Mathematics and Mathematical Information Science	
	Space and Global Environmental Systems Science	
	Functional Systems Science	
Complex Systems Science	Material Systems	A few
	Power Energy Systems	
	Industrial Production Systems	
	Measurement and Control Systems	
Society's Infrastructure	Basic Social Infrastructure	
Systems Science	Urban and Environmental Systems	A few
	Information and Telecommunication Systems	

[for Entry on April 1, 2022]

[for Entry on September 21, 2022]

Major	Fields of Study	Enrollment
Quantum Beam Science	uantum Beam Science Environmental Radiation Science Quantum Chemistry and Biochemistry Beamline Science	
Complex System Science	 Mathematics and Mathematical Information Science Space and Global Environmental Systems Science Functional Systems Material Systems Power Energy Systems Industrial Production Systems Measurement and Control Systems 	A few
Society's Infrastructure Systems Science	Basic Social Infrastructure Urban and Environmental Systems Information and Telecommunication Systems	A few

II. Eligible Applicants

Applicants must meet the following admission requirement:

Received or are expected to receive a master's degree or its equivalent from an accredited institution, prior to entry to the Graduate School of Science and Engineering of Ibaraki University (GSSE).

Applicants who do not meet the requirement should apply for the "VI. Pre-screening for Assessment for Applicant's Eligibility" prior to application to the entrance examination.

III. Application Procedure

- **1. Contacting potential advisors:** Those who would like to apply for the enrollment in the doctoral program of the GSSE should contact their potential advisors listed in the table "Faculty Members" prior to their application. Those who accept to be the potential supervisors of the applicants may help the applicants with arrangement of the application procedure.
- 2. Application deadline: 25 October 2021.
 - (a) By postal mail: Submission of the application requirements should be made by registered mail to reach the <u>admission office</u> by 16:00 JST, 25 October 2021.
 - (b) By E-mail: The E-mail to which the application requirements are attached should reach the <u>admission office</u> by 16:00 JST, 25 October 2021. [The original hard copies of the documents of which scanned digital copies are submitted as E-mail attachments should be submitted by registered mail (such as EMS) to reach the admission office by the time of the entrance examination.
- **3.** Admission office: To which of the below-mentioned admission offices applicants have to submit the application requirements is according to the potential supervisors as given in the table "Faculty Members".
 - (1) Hitachi campus:

Admission Office, College of Engineering, Ibaraki University

4-12-1 Nakanarusawa, Hitachi, Ibaraki 316-8511, Japan

- Phone: +81-294-38-5010 E-mail: admission.doctor.hitachi@ml.ibaraki.ac.jp
- (2) Mito campus:

Admissions Office, College of Science, Ibaraki University

2-1-1 Bunkyo, Mito, Ibaraki 310-8512, Japan

Phone: +81-29-228-8332 E-mail: admission.doctor.mito@ml.ibaraki.ac.jp

4. Advance Consultation for Applicants with Disabilities: Applicants with disabilities who need special cares in the admission processes and research/study activities at the GSSE may consult the above-mentioned admission office before submitting the application requirements.

IV. Application Requirements

Application requirements are as follows. Applicants should use the prescribed forms for Form 1-6 of either of the hard copies in this application guidebook or those downloaded at

http://www.gse.ibaraki.ac.jp/en/guidance/doctor/. When the application requirements are submitted as E-mail attachments, required material other than Form1-6 should be scanned into JPEG files or PDF, and the original hard copies should be sent by registered mail to reach the admission office by the time of examination.

Application requirements	Notes	
Application Form and Curriculum Vitae (Form 1)	Use the <u>prescribed form</u> .	
Admission Slip for Examination, with Applicant's Photograph (Form 2)	Use the <u>prescribed form</u> . Passport-size photograph $(4 \times 3 \text{ cm}, \text{ taken within 3 months})$ should be attached as indicated.	
	Use the <u>prescribed form</u> . In either Japanese (less than 2,000 characters) or English (less than 1,000 words).	
Summary of Master's Thesis or its Equivalent (Form 3)	<1> Applicants received a master's degree Summary of Master Thesis or its Equivalent.	
	<2> Applicants expected to receive a master's degree Summary of Master Thesis or its Equivalent to be submitted.	
Research and Development Achievement Records (Form 4)	Use the <u>prescribed form</u> . Provide research and development achievements, such as scientific publications, presentations in scientific meetings, and patents.	
Research Plan (Form 5)	Use the <u>prescribed form</u> . Describe the outline of intended research, in either Japanese (less than 1,000 characters) or English (less than 500 words).	
Application Fee	JPY 30,000.	
	Payment of the application fee can be made by one of the following three methods. According to the method of payment, applicants should submit the Receipt of Transfer (振替払込証明書) or the Certificate of Payment (収納証明書) to the admission office together with other material of application requirements.	
	 (1) Paying at a convenience store in Japan a. Please refer to "コンビニエンスストアでの入学検定料払込 方法 (How to Pay the School Entrance Examination Fee at a Convenience Store) "when making your payment. b. Please ensure that you receive a "取扱説明書(Handling Statement)" or a "取扱明細書兼領収書(Handling Statement & Receipt)" upon completion of payment. c. Please detach the "収納証明書 (Payment Certificate)" portion of the "取扱説明書(Handling Statement)" or "取扱明細書兼 領収書(Handling Statement)" or "取扱明細書兼 	

	3. Please contact the following center if you have any queries concerning how to make payment at a convenience store or by credit card: <u>Learning and Education Application Service Support Center</u> <u>(operating company: Disco Inc.)</u> <u>(E-mail_cvs-web@disc.co.jp)</u>
Official Transcript	Academic transcript for all post-secondary study undertaken, regardless complete or incomplete. Institution grading scale should be included.
Certificate of Graduation	Certificates of graduation (and expected graduation) of undergraduate and graduate schools attended/attending.
Residence Certificate or Copy of Passport	Foreign residents in Japan: Residence certificate issued by the head of municipality giving applicants' nationality and visa status and length. Non-resident in Japan: Copy of passport
Return Envelope (12.0cm × 23.5cm)	Only when the applicant lives in Japan and the application is made by "post", an envelope with the applicant's name, address, postal code, and postal stamp of JPY 344 (including express mail fee), in which the Admission Slip for Examination will be sent to the applicant, will be submitted. *When the application is made by E-mail or the applicant does not live in Japan, <u>Return Envelope is</u> <u>NOT necessary</u> . Admission Slip for Examination in PDF will be sent to the applicant's email address as an attachment.
Address Slip (Form 6)	Use the <u>prescribed form.</u>

V. Screening Procedure

1. Screening:

Screening is made based on the information given in the submitted Form 3-5 (Summary of Master's Thesis or its Equivalent, Research and Development Achievement Records, and Research Plan) and Transcripts, and on Interview, including oral examination to confirm applicants' knowledge in the applicants' intended fields of research and/or development.

2. Date of interview: Any time between 8 November 2021 and 14 November 2021 suitable for both the interviewers and the applicant. Prior to submitting the application, you may inform the potential supervisor the dates on which you are available for the interview. Exact date and time of interview will be informed to the applicant beforehand.

3. Place of interview: One of the following three places, specified on the Admission Slip.

- (1) Hitachi campus, Ibaraki University 4-12-1 Nakanarusawa, Hitachi-city
- (2) Mito campus, Ibaraki University 2-1-1 Bunkyo, Mito-city
- (3) Tokai satellite campus, Ibaraki University 162-1 Shirakata, Tokai-mura

Due to the health and safety concerns for both interviewers and the applicant stemming from the coronavirus (COVID-19), the applicant may have an online interview at home. If the applicant has an online interview, expected supervisors will explain the procedure.

4. Notification of Results

Results of screening will be sent to successful applicants by postal mail on 30 November 2021.

VI. Pre-screening for Assessment for Applicant's Eligibility

1. Application Documents

(a) Application Form for Applicant's Eligibility and Summary of Previous Research Activities

Use the prescribed form (Form 7-1)

(b) Written Statement of Expected Supervisor for Applicant's Eligibility

Use the prescribed form (Form 7-2)

- (c) Research and Career Achievement Records Use the prescribed form (Form 4)
- (d) Copy of the scientific paper/publication given in Form 4 (If you have more than one scientific paper/publication, you may provide the copy of one of your selected scientific paper/publications.)
- (e) Graduation Certificate of the Last School Attended
- (f) Certified Professional Career Record Use the prescribed form (Form 8)
- (g) Reply Pertaining to the Qualifying Examination (if available*)
- (h) Self-addressed Reply Envelope (235×200mm) with JPY 344 postage stamp(s)
 - In case the address is outside Japan and/or the application is made by E-mail, Reply Envelope is not necessary. Results of pre-screening in PDF will be sent to the applicant's email address as an attachment.
- *Applicants who have completed a curriculum offered by an overseas educational institution, an educational institution in Japan that is recognized by a foreign country as having a graduate course under the education system and which is separately designated by the Japanese Minister of Education, Culture, Sports, Science, and Technology, or United Nations University and passed examination and screening equivalent to which are prescribed in Section 2 of Article 16 of the Standards for the Establishment of Graduate Schools must submit the application document(f), "Reply Pertaining to the Qualifying Examination".

2. Application deadline: 4 October 2021.

- (a) By postal mail: Submission of the application requirements should be made by registered mail to reach the <u>admission office</u> by 16:00 JST, 4 October 2021.
- (b) By E-mail: The E-mail to which the application requirements are attached should reach the <u>admission office</u> by 16:00 JST, 4 October 2021. Required material other than Form 4,7-1,8 should be scanned into JPEG files or PDF. [The original hard copies of the documents of which scanned digital copies are submitted as E-mail attachments should be submitted by registered mail (such as EMS) to reach the admission office by the time of the entrance examination.
- **3. Admission office**: To which of the below-mentioned admission offices applicants have to submit the application requirements is according to the potential supervisors as given in the table "Faculty Members".

(1) Hitachi campus: Admission Office, College of Engineering, Ibaraki University

 4-12-1 Nakanarusawa, Hitachi, Ibaraki 316-8511, Japan
 Phone: +81-294-38-5010 E-mail: <u>admission.doctor.hitachi@ml.ibaraki.ac.jp</u>
 (2) Mito campus: Admissions Office, College of Science, Ibaraki University
 2-1-1 Bunkyo, Mito, Ibaraki 310-8512, Japan
 Phone: +81-29-228-8332 E-mail: <u>admission.doctor.mito@ml.ibaraki.ac.jp</u>

4. Notification of Results

Results of pre-screening will be sent by express mail or by E-mail on 14 October 2021.

VII. Personal Record Disclosure

Personal records related to the GSSE entrance examination are disclosed only to the examinees following the below-mentioned procedure of application.

1. Application period

11 April 2022 to 28 April 2022 (except Saturdays, Sundays, and national holidays). 9:00 - 17:00 JST

2. Applicants: Restricted to the examinee. Disclosure is not made for successful applicants.

3. Application Procedure

Come to the university with the following documents, and apply using the designated form.

- (1) Admission Slip for Examination
- (2) Document to identify the individual (student ID card, driver's license, passport, etc.)
- (3) Return envelope (size 3 vertical envelope, 12.0 cm \times 23.5 cm)

Clearly write the address, including the zip code, and name of the applicant and put a stamp worth JPY 519 (rate for a registered letter) on the envelope.

4. Place for application

- (a) Admissions Office, College of Engineering, Ibaraki University4-12-1 Nakanarusawa, Hitachi, Ibaraki 316-8511, Japan
- (b) Admission Office, College of Science, Ibaraki University 2-1-1 Bunkyo, Mito 310-8512, Ibaraki, Japan

5. Disclosure method

The personal record is sent by registered mail at a later date.

6. Disclosure content

Disclosure is made for unsuccessful applicants by the category of level (three levels). However, in the case in which the number of unsuccessful applicants is fewer than five, disclosure is not made.

The score and the rank are not disclosed.

VIII. Admission Guidelines

1. Enrollment procedure and Payment of fees

(1) Information regarding the enrollment procedure and other related items will be given to successful applicants.

(2) Payment of fees

Students who are supported by a Japanese Government Scholarship are exempted from both admission fee and tuition.

Admission fee	JPY 282,000	Students who are expected to receive a
		Master's degree from Ibaraki University and
		intend to enter to the Doctoral course are
		exempted from the admission fee.
	JPY 267,900	
Tuition fee	per semester	
	(JPY 535,800	
	annually)	

Notes

(a) If admission fees are revised, then you will be obligated to pay the revised amount before admission procedure.

- (b) If tuition fees are revised, then you will be obligated to pay the revised amount.
- (c) Full or part of financial aid is available to students for admission or tuition assistance. Financial aid eligibility is based on financial need and academic achievement, or for those who suffered from a natural disaster. For more details, please refer to the link below.

https://www.ibaraki.ac.jp/student/economicsupport/exemption/

(3) For those coming from abroad to enroll in the Graduate School, it might take some time to acquire residence status. Please check the procedure and the time required for the acquisition at the Embassy, etc. well in advance before deciding when to enroll.

(Reference)Website of the Ministry of Justice

http://www.moj.go.jp/EN/

2. Prerequisites for Program Completion

To complete the Doctoral program, it is necessary to acquire at least 14 credits required in every major, receive necessary supervision from supervisors, and then pass the dissertation review and the final examination.

Students who show remarkable academic achievement can complete the Doctoral program in a shorter period.

Students who complete the Doctoral program are conferred a Doctorate of Engineering, a Doctorate of Science, or Doctor of Philosophy depending on the thesis.

Table: Faculty Members

Faculty members who can be potential supervisors and their corresponding "Admission office"

Faculty members who can be potential supervisors and the	Admission office
Institute of Quantum Beam Science	i
< Environmental Radiation Science>	
Nakamura, Asako, Professor	Mito
*1 Tachibana, Akira, Professor	Mito
Tauchi, Hiroshi, Professor	Mito
Torikai, Yuji, Professor	Mito
Yamaguchi, Kenji, Professor	Mito
Yokoya, Akinori, Professor	Mito
Kakinuma, Shizuko, Adjunct Professor	Mito
Kinase, Sakae, Adjunct Professor	Mito
< Material Engineering and Quantum Science>	
*2 Fujiwara, Takanori, Professor	Mito
Fukui, Takahiro, Professor	Mito
*3 Iga, Fumitoshi, Professor	Mito
Ikeda, Teruyuki, Professor	Hitachi
Iwamoto, Chihiro, Professor	Hitachi
Kuwahara, Keitaro, Professor	Mito
Minato, Atsushi, Professor	Hitachi
Nakagawa, Naoko, Professor	Mito
Nishi, Tsuyoshi, Professor	Hitachi
Sakaguchi, Makoto, Professor	Mito
Sasajima, Yasushi, Professor	Hitachi
Sato, Shigeo, Professor	Hitachi
Suzuki, Tetsuya, Professor	Hitachi
*1 Takahashi, Haruyuki, Professor	Hitachi
Yokoyama, Makoto, Professor	Mito
Hyakutake, Yoshifumi, Associate Professor	Mito
Kenji, Iwase, Associate Professor	Hitachi
Masahiro, Sato, Associate Professor	Mito
Nishino, Souichiro, Associate Professor	Hitachi
Sato, Naoyuki, Associate Professor	Hitachi
Takehito, Nakano, Associate Professor	Mito
Hirade, Tetsuya, Adjunct Professor	Mito
< Quantum Chemistry and Biochemistry>	
Eguchi, Mika, Professor	Hitachi
Fujisawa, Kiyoshi, Professor	Mito
Fukumoto, Hiroki, Associate Professor	Hitachi
Igarashi, Shukuro, Professor	Hitachi
*2 Kimura, Shigenobu, Professor	Hitachi

Kobayashi, Yoshio, Professor	Hitachi
Kohzuma, Takamitsu, Professor	Mito
Mori, Seiji, Professor	Mito
Morikawa, Atsushi, Professor	Hitachi
Nishikawa, Hiroyuki, Professor	Mito
Otomo, Seiu, Professor	Mito
Sato, Itaru, Professor	Mito
Unno, Masaki, Professor	Hitachi
Yamaguchi, Akira, Professor	Mito
Yamauchi, Satoshi, Professor	Hitachi
Agou Tomohiro, Associate Professor	Hitachi
Higashi, Miwako, Associate Professor	Hitachi
Kitano, Takashi, Associate Professor	Hitachi
Nakashima, Kouichi, Associate Professor	Hitachi
Shoumura, Yasuhito, Associate Professor	Hitachi
Kagawa, Hiroyuki, Adjunct Professor	Hitachi
< Beamline Science>	
Ishigaki, Toru, Professor	Hitachi
Iwasa, Kazuaki, Professor	Mito
Kusaka, Katsuhiro, Professor	Hitachi
Koizumi, Satoshi, Professor	Hitachi
Kinoshita, Toyohiko, Adjunct Professor	Hitachi
Kunieda, Satoshi, Adjunct Professor	Hitachi
Tsutsui, Satoshi, Adjunct Professor	Hitachi
Metoki, Naoto, Professor	Mito
Ohyama, Kenji, Professor	Hitachi
Oku, Takayuki, Professor	Mito
Otomo, Toshiya, Professor	Hitachi
Tanaka, Ichiro, Professor	Hitachi
Abe, Hitoshi, Associate Professor	Hitachi
Iinuma, Hiromi, Associate Professor	Mito
Hoshikawa, Akinori, Associate Professor	Hitachi
Yamada, Taro, Associate Professor	Hitachi
Kondo, Yasuhiro, Adjunct Associate Professor	Mito
Sato, Tetsuya, Adjunct Associate Professor	Mito
Higo, Yuji, Adjunct Associate Professor	Hitachi
Hoshino, Masato, Adjunct Associate Professor	Hitachi
Hosoya, Takaaki, Lecturer	Hitachi
Maeda, Tomoki, Assistant Professor	Hitachi
Institute of Complex Systems Science	
< Mathematics and Mathematical Information Science>	
*3 Kimura, Makoto, Professor	Mito

	NC.
Fujima, Shoichi, Associate Professor	Mito
Murashige, Sunao, Professor	Mito
*1 Nakai, Eiichi, Professor	Mito
Shimomura, Katsunori, Professor	Mito
Watanabe, Shinya, Professor	Mito
Hasegawa, Takehisa, Associate Professor	Mito
Ohtsuka, Fumiko, Associate Professor	Mito
Suzuki, Kanako, Associate Professor	Mito
< Functional Systems Science >	
*1 Oriyama, Takeshi, Professor	Mito
Kanou, Kouki, Professor	Mito
Kitade, Osamu, Professor	Mito
Kim, Haeng-Boo, Professor	Mito
Niki, Yuzo, Professor	Mito
Noda, Satoko, Professor	Mito
Fukaya, Norihisa, Adjunct Professor	Mito
Kagoshima, Hirotaka, Associate Professor	Mito
Morooka, Fuki, Associate Professor	Mito
Ohashi, Akira, Associate Professor	Mito
Oikawa, Shimpei, Associate Professor	Mito
Shimazaki, Yuichi, Associate Professor	Mito
< Space and Global Environmental Systems Science>	
Hashizume, Ko, Professor	Mito
Kawahara, Jun, Professor	Mito
Kita, Kazuyuki, Professor	Mito
Koarai, Mamoru, Professor	Mito
Momose, Munetake, Professor	Mito
Okada, Makoto, Professor	Mito
Turibe, Toru, Professor	Mito
Yonekura, Yoshinori, Professor	Mito
Yoshida, Tatsuo, Professor	Mito
Fujiya, Wataru, Associate Professor	Mito
Hasegawa, Takeshi, Associate Professor	Mito
Katagiri, Hideaki, Associate Professor	Mito
Nozawa, Satoshi, Associate Professor	Mito
Wakazuki, Yasutaka, Associate Professor	Mito
< Industrial Production Systems>	
*2 Itoh, Nobuhide, Professor	Hitachi
*1 Kanto, Yasuhiro, Professor	Hitachi
Shimizu, Jun, Professor	Hitachi
Zhou, Libo, Professor	Hitachi
Ozeki, Kazuhide, Associate Professor	Hitachi
Nakamura, Masashi, Professor	Hitachi
< Material Systems>	

Kuramoto, Shigeru, Professor	Hitachi		
Shimakage, Hisashi, Professor	Hitachi		
Udono, Haruhiko, Professor	Hitachi		
Wada, Tatsuaki, Professor	Hitachi		
Aono, Tomosuke, Professor	Hitachi		
*3 Kurumada, Akira, Associate Professor	Hitachi		
Komine, Takashi, Associate Professor	Hitachi		
< Measurement and Control Systems>	Intachi		
Inui, Masatomo, Professor	Hitachi		
Iwaji, Yoshitaka, Professor	Hitachi		
*2 Kondo, Ryou, Professor	Hitachi		
*3 Masuzawa, Toru, Professor	Hitachi		
Michitsuji, Yohei, Professor	Hitachi		
Mori, Yoshikazu, Professor	Hitachi		
Nagayama, Kazuaki, Professor	Hitachi		
Yoh, Shikoh, Professor	Hitachi		
Onuki, Teppei, Associate Professor	Hitachi		
Fukuoka, Yasuhiro, Associate Professor	Hitachi		
< Power Energy Systems>	Intacin		
Inagaki, Terumi, Professor	Hitachi		
Kakimoto, Naoto, Professor	Hitachi		
*1 Konno, Mitsuru, Professor	Hitachi		
Tanaka, Kotaro, Professor	Hitachi		
Tanaka, Nobuatsu, Professor	Hitachi		
*1 Tsuji, Ryusuke, Professor	Hitachi		
Yanagidaira, Takeshi, Professor	Hitachi		
Nishi, Yasuyuki, Professor	Hitachi		
Sakai, Yasuyuki, Associate Professor	Hitachi		
Uno, Masatoshi, Associate Professor	Hitachi		
Li, Yanrong, Associate Professor	Hitachi		
Hamada, Kazuya, Adjunct Professor	Hitachi		
	Hitachi		
Futakawa, Masatoshi, Adjunct Professor	ппаст		
Institute of Society's Infrastructure Systems Science			
< Basic Social Infrastructure>	1		
Kumazawa, Takayuki, Associate Professor	Hitachi		
Shinnou, Hiroyuki, Professor	Hitachi		
Suzuki, Tomoya, Professor	Hitachi		
Fijiyoshi, Akio, Professor	Hitachi		
*2 Uehara, Kiyohiko, Associate Professor	Hitachi		
Umezu, Nobuyuki, Associate Professor			
Ichinose, Aya, Assistant Professor	Hitachi		
< Urban and Environmental Systems>			

Fujita, Masafumi, Professor	Hitachi
Harada, Takao, Professor	Hitachi
Kobayashi, Kaoru, Professor	Hitachi
Kuwahara, Yuji, Professor	Hitachi
Nobuoka, Hisamichi, Professor	Hitachi
Tonooka, Hideyuki, Professor	Hitachi
Tsuboi, Kazuhiro, Professor	Hitachi
Wu, Shishen, Professor	Hitachi
*1 Yamada, Minoru, Professor	Hitachi
Yokoki, Hiromune, Professor	Hitachi
Fujita, Masafumi, Associate Professor	Hitachi
Mao, Kurumatani, Associate Professor	Hitachi
Tsujimura, Sohei, Associate Professor	Hitachi
Terumitsu, Hirata, Associate Professor	Hitachi
< Information and Telecommunication Systems>	
*1 Akabane, Hideo, Professor	Hitachi
Habuchi, Hiromasa, Professor	Hitachi
Kamada, Masaru, Professor	Hitachi
Miyajima, Teruyuki, Professor	Hitachi
Naka, Akira, Professor	Hitachi
*1 Saigusa, Mikio, Professor	Hitachi
Takeda, Shigeki, Professor	Hitachi
Ueda, Yoshikazu, Professor	Hitachi
Yokota, Hirohisa, Professor	Hitachi
Yoneyama, Kazuki, Professor	Hitachi
Kimura, Takayuki, Associate Professor	Hitachi
Naoya, Soda, Associate Professor	Hitachi
Uno, Katsuhiro, Associate Professor	Hitachi
Wang, Xiaoyan, Lecturer	Hitachi
Aozasa, Shinichi, Adjunct Professor	Hitachi

*1 Scheduled to retire in March 2023

*2 Scheduled to retire in March 2024

*3 Scheduled to retire in March 2025

Form 1

茨城大学大学院理工学研究科博士後期課程

Application for Admission to the Graduate School of Science and Engineering, Ibaraki University (Doctoral Program)

入学志願票

Application	Form	for	۸dm	ission
Аррисацон	rorm	101	Aum	122101

	提出日	Filing date:月(N	Month)	日(Date)		年(Year)			
入学区分 Desired date of enrollment	□2022年4月1日(April 1, 2022) □2022年9月21日(September 21, 2022) 受験番号 Examinee No			受験番号 Examinee No.	*				
選抜区分 Category of selection	口社会人特别	 一 般 選 抜 General Category 社 会 人 特 別 選 抜 Special Category for Working Applicants 外国人留学生特別選抜 Foreign Student Admission 							
フリガナ									
氏 名 Name					性別 Sex	□ 男 Male □ 女 Female			
生年月日 Date of birth	月(Month)	日 (Date)	年(Year)	(Age	歳)				
志望専攻名 Desired major									
志望指導教員名 Expected supervisor									
文部科学省奨学金申請予定 MEXT Scholarships plan		子生の奨学金に の apply for Japanese		定である。 nt (Monbukagakush	o:MEXT) Scholarships.			
出身校 School			大学 Univer 学部 Faculty 学科 Depart:	/College	Date	 ・卒業見込 e of (expected) duation 年(西暦) Year 月 Month 			
School attending/attended			専攻(sity	Date Grac	・修了見込 e of (expected) duation 年(西暦) Year 月 Month			
	〒 −	Phone	E	-mail					
現住所 Present address		I	I						
合格通知書等の 受信場所	〒 ─	Phone	E	-mail					
Address for notification of the application results		Ŷよ)、 \♥ T 1	1 1						

注意 Note 1. ※印欄は、記入しないでください。※ Leave blank.

C合格通知書等の受信場所」は、入学決定までの通知を受ける場所を記入し、変更した場合は、速やかに届け出てください。When the address for notification of the application results is changed, please immediately inform the Admission Office of the College of Science/Engineering of Ibaraki University.
 志望指導教員には、事前に連絡を取っておいてください。

Please contact in advance the expected supervisor.

履 歴 書 Curriculum Vitae

入学区分 Desired date of enrollment	□2022年4月1日 (April 1, 2022) □2022年9月21日 (September 2	受験番号 Examinee No.	*		
氏 名 Name			〕男 Male 〕女 Female		
	小学校名 Name of Elementary School	□ 卒業 Graduated	自 From	至 To	在学年数 Period of Attendance
		□ 卒業見込 Expect to Graduate	年 月 Year Month	年 月 Year Month	年 Years
	中学校名 Name of Sacondamy Salvad		自	至 Ta	在学年数
	Name of Secondary School	Graduated	From	То	Period of Attendanceg
		□ 卒業見込 Expect to Graduate	年 月 Year Month	年 月 Year Month	年 Years
	高等学校名 Name of User of Second and School		自	至 T-	在学年数
学 歴 Educational	Name of Upper Secondary School	Graduated	From	То	Period of Attendance
background		□ 卒業見込 Expect to Graduate	年 月 Year Month	年 月 Year Month	年 Years
	大学名	□ 卒業	自	至	在学年数
	Name of University or Equivalent	Graduated	From	То	Period of Attendance
		□ 卒業見込 Expect to Graduate	年 月 Year Month	年 月 Year Month	年 Years
	大 学 院名 Name of Graduate School	□ 卒業 Graduated	自 From	至 To	在学年数 Period of Attendance
		□ 卒業見込 Expect to Graduate	年 月 Year Month	年 月 Year Month	年 Years
	勤務先名		自	至	在職年数
	Name of company or employer		From	То	Period of Employment
			年 月 Year Month	年 月 Year Month	年 Years
	勤務先名		自	至	在職年数
職 歴	Name of company or employer		From	То	Period of Employment
Employment record			年 月 Year Month	年 月 Year Month	年 Years
	勤務先名		自 ····································	至 至	在職年数
	Name of company or employer		From	То	Period of Employment
			年 月	年 月	年
	の大学を卒業又は大学院を修了(Year Month	Year Month	

注意 Note 1. 外国の大学を卒業又は大学院を修了(見込)の者<u>以外の者は、高等学校入学時から</u>記入してください。 Unless the applicant graduated from a foreign university or is expected to graduate a foreign graduate school, please fill the educational background after the graduation of the secondary school.

2. 虚偽の記載をした場合は、入学を取り消すことがあります。 False statement may disqualify your application.

茨城大学大学院理工学研究科博士後期課程 Application for Admission to the Graduate School of Science and Engineering, Ibaraki University (Doctoral Program)

> 受験票 Admission Slip for Examination

入学区分 Desired date of enrollment	□2022年4月1日 (April 1 □2022年9月21日 (Septe	受験番号 Examinee No.	*	
選抜区分 Category of selection	 □ 一 般 選 抜 □ 社 会 人 特 別 選 抜 □ 外国人留学生特別選抜 	1 0 7		
志望専攻 Desired Major				専 攻 Major
フリガナ				□ 男 Male
氏 名 Name				□ 女 Female
試 験 場 Examination room		□ 水戸キャンパス〕 □ 日立キャンパス〕 □ 東海サテライト=	Hitachi campus	ellite campus

茨城大学大学院理工学研究科博士後期課程

.

賈

.

Application for Admission to the Graduate School of Science and Engineering, Ibaraki University (Doctoral Program)

_				写	真	
	入学区分 Desired date of enrollment	□2022年4月1日 (April 1, 2022) □2022年9月21日 (September 21, 2022)			pplican notogra	
	選抜区分 Category of selection	 □ 一 般 選 抜 General Category □ 社 会 人 特 別 選 抜 Special Category for Working Applican □ 外国人留学生特別選抜 Foreign Student Admission 	ts		そ真・Photo 4cm×横3cm	L
	受験番号 Examinee No.	*		を記	のウラに氏の 入すること e your name on	
	志望専攻 Desired Major	專 吗 Majo			back of the photo	
	フリガナ	□ 男 Male				
	氏 名 Name	□ 女 Female				

.....

注意 Note

- 1. ※印欄は、記入しないでください。※ Leave blank.
- 2. 氏名は、住民票又はパスポートのとおり記入してください。
 - [Name] must be as given in the Resident Certificate or Passport.
- 3. 写真は、縦4 cm×横3 cm正面上半身無帽で、出願3か月以内に撮影したもの。

Photograph must be 3 cm \times 4 cm in size and taken within 3 months before submission of the form.

修士学位論文要旨または研究経過報告書

Summary of Master's Thesis or Progress Report of Master Program Research

入学区分 Desired date of enrollment	□2022年4月1日 (April 1, 2022 □2022年9月21日 (September 2	/	受 験 番 号 Examinee No.	*
選抜区分 Category of selection	 □ 一 般 選 抜 Gen □ 社 会 人 特 別 選 抜 Spec □ 外国人留学生特別選抜 Fore 			
氏 名 Name		志 望 専 攻 名 Desired Major		
		注 Note ※印構	闌は、記入しないて	ごください。 ※ Leave blank.

氏 名	志望専攻名	受 験 番 号	*
Name	Desired Major	Examinee No.	

Form 4

研究及び業務上の業績調書 Research and Career Achievement Records

入学区分 Desired date of enrollment	□2022年4月1日 (April 1, 202 □2022年9月21日 (September		受験番号 Examinee No.	*
選抜区分 Category of selection	 □ 一 般 選 抜 Ger □ 社 会 人 特 別 選 抜 Spe □ 外国人留学生特別選抜 For 			5
氏 名 Name		志望専攻名 Desired Major		

◎ 下記の事項を横書で記入してください。(鉛筆使用不可)

Please fill in the following information. Please do not use a pencil when filling this form.

1. 学術論文・研究報告・特許等の名称。 Scientific publications • Research reports • Numbers of patents

2. 発行又は発表年月。 Year of publication or presentation.

3. 発行所、発表雑誌等又は発表学会等の名称。 Name of publishers, scientific journals or conferences

4. 全著者名。 Names of all authors.

5. その他。 Other information.

茨城大学大学院理工学研究科 The Graduate School of Science and Engineering, Ibaraki University

注 Note 1. 用紙が不足する場合は、コピーして使用してください。 Additional sheets of paper may be attached if necessary.

2. ※印欄は、記入しないでください。 ※ Leave blank.

研究計画書 Research Plan

			No.1
入学区分 Desired date of enrollment	□2022年4月1日 (April 1, 2022) □2022年9月21日 (September 21, 2022)	受験番号 Examinee No.	*
選抜区分 Category of selection	 □ 一 般 選 抜 General Category □ 社 会 人 特 別 選 抜 Special Category for W □ 外国人留学生特別選抜 Foreign Student Admis 		
氏 名 Name	志 望 専 攻 名 Desired Major		
	注 Note ※印	欄は、記入しない	○でください。 ※ Leave blank.

Form	6
------	---

宛名票 Address Slip	郵便番号 Postal code : 住所 Address :
注意 Caution	
 合格通知書・入学手続書類等の郵送に利用します。 住所は必ず受け取ることのできる場所を記入してください。 Please fill in the address where you wish to receive the Result Notification Notice and other admission related documents. 	名前 Name :
氏名は必ず志願者本人の名前を記載してください。 Name must be the name of applicant him/herself. 必ず全ての宛名票を記入してください。 Please fill in all of Address Slips.	受験番号 Examinee's No : ※ ※この欄は記入不要です。Leave blank.

郵便番号 Postal code:

住所 Address :

名前 Name:

受験番号 Examinee's No: **※** ※この欄は記入不要です。Leave blank. 郵便番号 Postal code:

住所 Address :

名前 Name:

受験番号 Examinee's No: **※** ※この欄は記入不要です。Leave blank.

Form 7-1

茨城大学大学院理工学研究科博士後期課程

Application for Admission to the Graduate School of Science and Engineering, Ibaraki University (Doctoral Program)

入学試験出願資格認定審查申請書

Application Form for Applicant's Eligibility

	提出日 Fi	ling date :	月(Month)	日 (Date)	年	(Year)			
入学区分 Desired date of enrollment	□2022年4月1 □2022年9月21			受験番号 Examinee No.	o. ※記入不要 ※Leave Bla				
選抜区分 Category of selection	口社会人特] 一 般 選 抜 General Category] 社 会 人 特 別 選 抜 Special Category for Working Applicants] 外国人留学生特別選抜 Foreign Student Admission							
フリガナ				- <u>b</u> + P1	□ 男 Male				
氏 名 Name			│ 性別 Sex	□ 女 Female					
生年月日 Date of birth	月 (Month)	日 (Dat	(Age	歳)					
志望専攻名 Desired major									
志望主要研究分野 又はコース Desired research field or course									
志望指導教員名 Expected supervisor									
出 身 校 School attending/attended 高等教育段階の学校を	大学 University 学部 Faculty 学科 Department					· 卒業見込 f (expected) ation 年(西暦) Year 月 Month			
卒業していない場合は 記入不要です。 An applicant who did not graduate from a school of the higher education level may not fill in this column.			大学 研究 研究 専攻	之大学院 versity	Date o Gradu	 修了見込 f (expected) ation 年(西暦) Year 月 Month 			
勤務先 Name of company or employer									
現 住 所 Present address	〒 —	Phone		E-mail					
認定通知書等の 受信場所 Result notification address 注意 Note 1. 「認定通知	〒 -	Phone	冲完までの通知	E-mail を受ける場所を記入] 亦再〕	「を担合け」演め			

かに届け出てください。

If there are any changes in the result notification address, please inform the University immediately.

2. 志望指導教員には、事前に連絡を取っておいてください。

Please contact in advance the expected supervisor.

入学試験出願資格認定審査調書 Summary of Previous Research Activities

フリガナ 氏 名 Name	 		受験番号 Examinee No.	*		
現 職 Present Position	生年月日 Date of Birth	月(Mont	h) 日(Date)	年(Year)	(Age	歳)

学 歴・Educational background		
自 年/月 ~ 至 年/月 Year/Month ~ Year/Month	事 項・Names of schools attended	
/ ~ /		
/ ~ /		
/ ~ /		
/ ~ /		
/ ~ /		
/ ~ /		

職 歴 (研究・開発等の業務内容がわかるように詳しく記入すること。)		
Employment records (Fill in details about research and development employment)		
自 年/月 ~ 至 年/月 Year/Month ~ Year/Month	事項·Names of Companies/Institutions, subjects of research and development	
/ ~ /		
/ ~ /		
/ ~ /		
/ ~ /		
/ ~ /		
/ ~ /		

学会及び社会における活動等・Scientific Society and Social Activities		
自 年/月 ~ 至 年/月 Year/Month ~ Year/Month	事 項・Matters engaged	
/ ~ /		
/ ~ /		
/ ~ /		
/ ~ /		
/ ~ /		
/ ~ /		

注意 Note ※印欄は、記入しないでください。※ Leave blank.

茨城大学大学院理工学研究科 The Graduate School of Science and Engineering, Ibaraki University

茨城大学大学院理工学研究科博士後期課程

Application for Admission to the Graduate School of Science and Engineering, Ibaraki University (Doctoral Program)

出願資格認定審査に関する志望指導教員による意見書 Written Statement of Expected Supervisor for Applicant's Eligibility

令和 年 月 日

理工学研究科博士後期課程委員会 委員長 殿

志望指導教員専攻 理工学研究科博士後期課程______專攻

志望指導教員職位・氏名_____印

被審査者_____氏の出願資格認定審査について、下記の通り意見書を提出致します。

記

基礎資格 _____大学 ___学部 ___学科 卒業 その他資格 卒業・修了

意見記入欄(※1)

※1 出願資格認定審査においては、修士の学位又は専門職学位を有する者と同等以上の学力があるか否かを出願前 に審査します。博士後期課程委員会においては、このことについて審議します。従って、被審査者が、修士の学位 又は専門職学位を有する者と同等以上の学力があると判断する理由を記載してください。

在職期間証明書 Certificate of Professional Career / Employment

現 Ŧ 住 所 Present Address 験者氏名 受 Name of Applicant 入学区分 口2022年4月1日 (April 1, 2022) 受験番号 * Desired date of □2022年9月21日 (September 21, 2022) Examinee No. enrollment $\Box \rightarrow$ 般 選 抜 General Category 選抜区分 Category of □社会人特別選抜 Special Category for Working Applicants selection □ 外国人留学生特別選抜 Foreign Student Admission

注 Note ※印欄は、記入しないでください。 ※ Leave blank.

Month _____月 Date _____日/Year _____年

所属機関名 (事業所名) Name of Institution/Company 職 種 Position of Applicant 月 年. 自 Η Month _____ Date ____ / Year _____ Since 在職期間 又は 在職した期間 Period in employment 至 月 日 年 Month _____ Date ____ / Year ____ Until

> 住 所(所在地) 〒 -Address of Institution/company

勤務先名 Name of institution/company or employer

職名 Position

氏 名 Name (Signature) ____

印

コンビニエンスストアでの入学検定料払込方法



How to Pay the School Entrance Examination Fee at a Convenience Store

[1] Request to Make a Payment

Franchise: 7-Eleven		
Kiosk: Multi-purpose copier		
Process: From the main screen select: [学び・教育] (Learning/Education)		
\downarrow		
[入学検定料等支払] (Pay fees such as the school entrance examination fee)		
Franchise: Lawson, Mini Stop		
Kiosk: Loppi		
Process: From the main screen select: [各種サービスメニュー] (Menu for various services)		
Then choose the button that includes: [各種申込(学び)] (Applications (learning))		
\downarrow		
[学び・教育・各種検定試験] (Learning/Education/Official Examinations)		
\downarrow		
[大学・短大、専門、小・中・高校等お支払い]		
Make a payment to a university, junior college, vocational school, elementary/junior high/high school, etc.)		
Franchise: FamilyMart		
Kiosk: FamiPort		
Process: From the main screen select: [申込・保険・請求・募金] (Application/Insurance/Bill/Fundraising)		
[学び・教育] (Learning/Education)		
◆ [各種(入学検定料等)お支払いサービス] (Various payment services (school entrance examination fees, etc.)		
∇		
V		

Tap [茨城大学大学院 (Ibaraki University Graduate School)] and enter your application information to have a "払込票/ 申込券(payment slip/request ticket)" issued to you.

[2] Make a Payment

Please make a payment with the convenience store cashier.

- The kiosk will print a "払込票 (payment slip)" from multi-purpose copiers, or a "申込券 (request ticket)" at Loppi and FamiPort. Please make your payment with the cashier within 30 minutes of receiving your payment "slip/request ticket".
 [7-Eleven, Lawson, Mini Stop]
- After making the payment, please obtain a ticket (a "取扱明細書 (handling statement)" from multi-purpose copiers or a "取扱明細書兼領収書 (handling statement/receipt)" at Loppi) and a receipt. [FamilyMart]
- o After making the payment, please obtain a "受領書(receipt)".
 - * Payments are not accepted after 15:00 JST on the final day for application submissions.
 - * A school entrance examination fee that has been paid cannot be refunded at the convenience store.
 - * The information entered will be voided if you do not pay the school entrance examination fee within the payment period.
 - * In addition to the school entrance examination fee, there will also be a separate handling fee for making payments, regardless of payment method.

<Payment Fees> For school entrance examination fees of less than ¥50,000: ¥400(tax excluding) For school entrance examination fees of ¥50,000 or more: ¥600(tax excluding)

$\overline{\mathbf{v}}$

[3] Submit an Application

[After making a payment at 7-Eleven, Lawson, or Mini Stop]

 Please detach the "収納証明書 (receipt certificate)" portion from the "取扱明細書 (handling statement)" or "取扱明細書兼 領収書 (handling statement/receipt)" and submit it along with your application documents.

[After making a payment at FamilyMart]

• Please submit "受領書(receipt)" along with your application documents.