佐賀大学大学院工学系研究科
環境・エネルギー科学グローバル教育プログラム
博士後期課程（外国人留学生－在日）
学生募集要項

Guide for the Application for the Foreign Students of Post-graduate Program for Global Advancement (PPGA) in Environmental and Energy Science

（Doctor Course）

2020

Application Deadline: January 23, 2020.
Examinations and Interview: February 26, 2020.
Academic year start: April 1, 2020.

Graduate School of Science and Engineering
SAGA UNIVERSITY

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Personal information possessed by Saga University is not utilized for different purposes from the aim denoted above, and is not provided to a third person without the applicant's agreement, except for the case prescribed by the item no.9 of the Act on the Protection of Personal Information Held by Independent Administrative Agencies.

Post-graduate Program for Global Advancement (PPGA) in Environmental and Energy Science

(Doctor Course)

2020

CONTENTS

GUIDE FOR THE APPLICATION FOR THE FOREIGN STUDENTS OF POST-GRADUATE PROGRAM FOR GLOBAL ADVANCEMENT (PPGA) IN ENVIRONMENTAL AND ENERGY SCIENCE

The Post-graduate Program for Global Advancement (PPGA) in Environmental and Energy Science provides all lectures, seminars, and internships, etc. on sciences and technologies solving global environmental and energy problems in English for both foreign and Japanese students. Students from overseas can learn and study completely in Japan without a hurdle of Japanese language. The PPGA is an educational course in the Graduate School of Science and Engineering, Saga University, that started in October 2013, in order to bring up global researchers and engineers who will contribute to the environmental and energy science. This is a call for application to a three-year Doctor Course starting from April, 2020.

Nowadays, science and engineering progress rapidly. We have received both benefits and negative influences from the science and engineering. Programs from the standpoint of environmental and energy conservation are necessary for developments of science and engineering that contribute to human prosperity. Educational study of the environmental and energy science should be performed from the all-round and global viewpoint. The PPGA has been established in the Graduate School of Science and Engineering in order to discuss and solve environmental and energy problems. The scope and goal of this PPGA is the education for students to possess an all-round insight for the environment and energy from the global point of view after their completion by acquiring knowledge and thinking power on various fields related to industrial manufacturing, construction, and biology, etc.

In the Doctor Course program of the PPGA, education and research guidance of the fields are given in the Graduate School of Science and Engineering: Chemistry and Applied Chemistry, Mechanical Engineering, Electrical and Electronic Engineering, Civil Engineering and Architecture, and Advanced Technology Fusion. Applicants are encouraged to decide the research fields and prospective relevant supervisor(s) appearing on the List of Academic Staffs, and contact with the supervisor(s).

Students who complete the Doctor Course program of the PPGA are granted the Doctor's Degree (Science, Engineering or Ph.D.). The month of entrance is April, and they can enter the PPGA course immediately after completing their Master's Degree program without learning Japanese language.

Qualifications

1. **Nationality:** Non-Japanese citizens staying in Japan can apply for this program.
2. **Academic carrier:** The following candidates may apply for admission.
   a. Those who have received Master's Degree from Japanese University as of March 31, 2020.
   b. Those who have received a Degree equivalent to Master's Degree of Japanese Universities in foreign country, or will receive it in foreign country as of March 31, 2020.
   c. Those who have received a Degree equivalent to Master's Degree of Japanese Universities from a foreign school through correspondence education in Japan, or will receive the Degree as of March 31, 2020.
   d. Those who have received a Degree equivalent to Master's Degree of Japanese Universities at educational institutions of the foreign country in Japan, which is designated by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government, or will receive the Degree as of March 31, 2020.
   e. Those who have been designated by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government.
   f. Those who are 24 years old or more as of March 31, 2020, and are admitted by the Graduate School of Saga University as that their academic abilities are equivalent to or higher than Master's Degree of Japanese Universities upon reviewing the submitted materials.

   ＊ Those who intend to apply based on the terms e or f should submit the application form to the Entrance Examination Office of Saga University one month earlier than the application

deadline.

3. **Language proficiency:** A good working level of English is required.

Tuition expenses

1. **Entrance examination fee:** 30,000 yen.

   (N.B. The entrance examination fee is not necessary for the applicant who will graduate the Master Course from this University in March, 2020.)

2. **Entrance fee:** 282,000 yen (scheduled).

3. **Tuition fee:** 267,900 Yen for each semester (scheduled). [535,800 Yen per academic year (scheduled).] Amount of due might be slightly revised depending on the decision of the administration council.

   Payments must be done for each semester biannually within the beginning two months of the semester.

   For the information on the tuition assistance, exemption subsidization, and scholarships is available at the Benefits section in the following pages.

Selection

1. Selection for admission shall be achieved by written and/or oral examinations on the selected major subjects and interview. All examinations and interview will be conducted in English on **February 26, 2020**. The detail of entrance examination will be noticed when the admission ticket is sent.
2. The final results of selection will be noticed to the applicant by a letter. It will be dispatched on **March 9, 2020**.
3. A few students can be admitted.

Admission

1. Date of enrollment is April 2, 2020.
2. Date of registration for admission: March 24 to March 27, 2020. If the applicant does not register on these days, his/her admission shall be canceled.
3. Admission shall be canceled if the applicant fails to receive the Master's Degree on or before March 31, 2020.

Application

1. Applicants should prepare the following documents to be forwarded to the Dean of the Graduate School of Science and Engineering, Saga University.

   ① **Application Form** (Form A).

   ② Official transcript of **Master's degree** or certificate representing that the applicant will be conferred Master's degree by March 31, 2020. Official transcript of Bachelor's degree is required in the case that the applicant will be qualified by the criterion 2-e of **QUALIFICATIONS** described above. The transcript or certificate must be sealed by the authority or sent directly from the college. Original diploma is also acceptable; in this case the examination office may exemplify the diploma and the original may be returned at the office.

   ③ Transcripts of **Academic Record** issued by university authorities and its English translation. (The criteria of academic assessment should be also shown.)

   ④ English summary of **Master Thesis** or it's equivalent if available, not exceeding four sheets of A4 size paper typed in double space. If a Master Thesis is not required by the University from which the applicant graduated, prepare a statement to this matter.

   ⑤ Certificate of **Citizenship** issued by appropriate authorities.

   ⑥ **Recommendation** and **Reference**

   a. A letter of **Recommendation** (Form B) from the head (Dean, in case of University) of the applicant's affiliated institution.

   b. Letter(s) of **Reference** (Form C) from those who know the applicant's research/study

capability addressed to the Dean of the Graduate School of Science and Engineering.

The letters of recommendation and reference should indicate the English proficiency of the applicant. Enclose, therein, a certificate indicating the scores of TOEFL or a corresponding English Ability Test, if any.

⑦ Three **Photographs** (hatless portrait), 4.5 cm × 3.5 cm in size, taken within six months before the date of application. Two copies should be attached to the application form. One extra copy should be enclosed therein, with the applicant's name and nationality on the reverse side of the copies.

⑧ **Entrance Examination Fee**: 30,000 yen.
(Except Japanese Government Scholarship Students)

⑨ Certificate of Registration as a Japanese Government Scholarship Student
(Japanese Government Scholarship Students only)

2. All documents should be sent by registered mail and received by the Entrance Examination Office between **January 16 and January 23, 2020**.

Remarks

1. The above documents should be type-written in English on A4 size paper.
2. Incomplete documents are not acceptable.
3. None of the documents submitted is returned to the applicant.

Notes

1. The applicant will be deprived his/her entrance under the following cases:
   a. False statements on the documents.
   b. Violation of the pledge.
2. Applicants are recommended to be well acquainted with the Japanese language, culture, customs, etc. A knowledge of the Japanese language is necessary in daily life.
3. Applicants are expected to complete their Doctor Course Program within three years.

Benefits

1. Exemption of tuition fee from complete to 50% may be granted depending on circumstances.
2. There are several scholarships for private-expense foreign students. Students can apply for these scholarships.
3. Housing: Students can apply to Saga University International House, or low-cost apartments supported by Saga prefecture and other organizations.

Correspondence

Any correspondence relating to the application for the PPGA should be sent by mail to the address below.

Entrance Examination Office
Saga University
1 Honjo-machi
Saga 840-8502, Japan
E-mail: ppga@mail.admin.saga-u.ac.jp

ACADEMIC STAFFS FOR GRADUATE SCHOOL OF SCIENCE AND ENGINEERING [DOCTOR COURSE]

Academic Staff	Major Teaching and Research Field

Course of Electronics and Information Systems

Chair of Electrical and Electronic Engineering

Electronics, Information and Communication

Toyoda, I., Tanaka,T. and Nishiyama, E.	*Advanced Microwave Engineering*
Itoh, H. and Fukumoto, H.	*Advanced Computational Engineering*
Guo, Q.	*Advanced Optoelectronics*
Tanaka, T.	*Photoelectronic Materials and Devices*
Unsettled	*Integrated Circuit Design*
Wakuya, H.	*Bionic and Cybernetic Engineering*
Hara, S.	*Photovoltaic System*
Sasaki, S.	*Advanced Electronics Packaging Technology*

Advanced Power Electronics

Kasu, M.	*Power Electronic Devices and Materials*
Oishi, T.	*Microwave Electronic Devices and Circuits*
Ohtsu, Y. and Ihara, S.	*Plasma Energy Engineering*
Takahashi, K.	*Surface and Interface Dynamics*
Unsettled	*Wide-band-gap Materials and Devices*

Course of Mechanical Engineering and Physical Science

Chair of Mechanical Engineering

Thermo-Fluid Energy Engineering

Miyara, A., Mitsutake, Y. and Kariya, K.	*Thermal Engineering, Heat and Mass Transfer*
Kinoue, Y. and Shiomi, N.	*Fluid Engineering*

Material and Design Engineering

Hagihara, S., Hattori, N., Tadano, Y., Taketomi, S. and Morita, S.	*Mechanics of Materials, Solid and Structures*
Zhang, B. and Hasegawa, H.	*Design and Production Engineering*
Tsujimura, T. and Izumi, K.	*Advanced Robotics*
Sato, K.	*Control Engineering, Robust Adaptive Control*

Ocean Energy Engineering

Imai, Y.	*Ocean Engineering*
Arima, H.	*Thermal Engineering*
Ikegami, Y.	*Thermal Energy Conversion Systems*

Course of Environmental Science and Engineering

Chair of Chemistry and Applied Chemistry

Inorganic Materials Chemistry

Koikawa, M. and Yamada, Y.	*Coordination Chemistry*

Organic Materials Chemistry

Unsettled	*Advanced Organic Chemistry*

Oishi, Y.	*Advanced Organic Materials*
Hanamoto, T., and Osada, S.	*Advanced Biological Materials*
Narita, T.	*Advanced Polymeric Materials*

Environmental Physical Chemistry

Unsettled	*Physical Chemistry of Amphiphilic Materials*
Era, M.	*Physical Chemistry for Photonic and Optoelectronic Materials*
Unno, M.	*Biological Molecular Spectroscopy*
Sakaguchi, K.	*Physical Chemistry of functionalized materials*
Tominaga, M.	*Advanced Bioelectrochemistry*

Environmental Chemistry and Engineering

Ohto, K. and Morisada, S.	*Environmental Chemical Engineering*
Takamuku, T.	*Functional Molecular Chemistry*

Chair of Civil Engineering and Architecture

Civil Engineering

Chai, J.,Hino, T.	*Geotechnical Engineering*
Obiya, H.	*Structural Engineering*
Ito, Y.	*Construction Materials*

Environmental System Engineering

Ohgushi, K. Yamanishi, H., Oshikawa.H and Narumol, V.	*Water Environmental System*
Li, H. and Inohae, T.	*Urban System and Environment*

Architecture and Urban Design

Mishima, N. and Goto, R., Kojima, S. and	*Urban Design and Architecture*
Nakaohkubo, K.	*Environmental Design for Architecture*

Course of Advanced Technology Fusion

Chair of Advanced Technology Fusion

Biomedical Engineering

Goto, S. and Sugi, T.	*Systems Control*
Matsuo, S., Hashimoto, T. and Sumi, T.	*Fluid Engineering*
Teramoto, K.	*Sensing Systems*
Ueno, N.	*Interface devices*
Md. T. I. Khan	*Biomedical Sensing*
Muramatsu, K.	*Computational Electromagnetics*
Dozono, H.	*Soft Computing*
Unsettled	*Bioimaging*
Kimoto, A.	*Biosensors*
Yamaoka, Y.	*Biomedical Imaging*

Advanced Material Chemistry

Akatsu, T. and Yada, M.	*Functional Ceramics*
Takeshita, M.	*Advanced Organic Materials*
Kawakita, H.	*Environmental Chemical Engineering*

MAJOR TEACHING AND RESEARCH FIELDS

Graduate School of Science and Engineering [Doctor course]

Course of Electronics and Information Systems

Chair of Electrical and Electronic Engineering

Electronics, Information and Communication

Advanced Microwave Engineering……Toyoda, I., Tanaka,T. and Nishiyama, E.
Advanced Computational Engineering ……....Itoh, H and Fukumoto, H.
Advanced Optoelectronics ……..…..…….……...Guo, Q.
Photoelectronic Materials and Devices……..……..…….……..…….Tanaka, T.
Integrated Circuit Design ……..……...…….... Unsettled
Bionic and Cybernetic Engineering ……..…..……Wakuya, H.
Photovoltaic System ……. ……..... ……....……Hara, S.
Advanced Electronics Packaging Technology ….……..……..…….Sasaki, S.

Advanced Power Electronics

Power Electronic Devices and Materials……..……..……..……...….. Kasu, M.
Microwave Electronic Devices and Circuits……..…....Oishi, T.
Plasma Energy Engineering……...…… Ohtsu, Y. and Ihara, S.
Surface and Interface Dynamics…….……Takahashi, K.
Wide-band-gap Materials and Devices ……...…….....……Unsettled

Course of Mechanical Engineering and Physical Science

Chair of Mechanical Engineering

Thermo-Fluid Energy Engineering

Thermal Engineering…….....… Miyara, A., Mitsutake, Y. and Kariya, K.
Thermodynamics, energy conversion, power plant systems
Heat exchanger, condensation, evaporation, absorption

Fluid Engineering……..…….…….…….. T., Kinoue, Y. and Shiomi, N.
Turbomachinery, compressible fluid flow, effective utilization of fluid energy, multiphase flow

Material and Design Engineering

Mechanics of Materials, Solid and Structures ……... Hagihara, S., Hattori, N., Tadano, Y., Taketomi, S. and Morita, S.
Strength of materials
Advanced solid mechanics
Computational mechanics
Numerical analysis for structures
Fatigue strength of metals and advanced materials

Design and Production Engineering ……Zhang, B., Hasegawa, H. and Mawatari, T.
Design of machinery and machine elements
Tribology of machine elements
Surface engineering

Advanced Robotics ……...……...…. Tsujimura, T. and Izumi, K.
Sustainable robot design
Networked robot control systems
Meta-heuristics for robots

Control Engineering…….…..……... Sato, K.
Control theory, robust control, adaptive control

Ocean Energy Engineering

Ocean Engineering ……...……..... .... …….....Imai, Y.
Wave energy conversion system, Marine hydrodynamics, Floating system

Thermal Engineering ……...…….....…..... Arima, H.
Boiling heat transfer, two-phase flow, effective utilization of thermal energy

Thermal Energy Conversion Systems …….……Ikegami, Y.
Ocean thermal energy conversion plant, development of thermal energy conversion system

Course of Environmental Science and Engineering

Chair of Chemistry and Applied Chemistry

Inorganic Materials Chemistry

Coordination Chemistry ……..… Koikawa, M.and Yamada, Y.
Education and studies on synthesis, structure, and physical properties of metal complexes
Structural aspects of metal complexes
Basic coordination chemistry

Organic Materials Chemistry

Advanced Organic Chemistry……Unsettled
Transtion metal-catatyzed organic synthesis
Chemistry of hypervalent iodine compounds

Advanced Organic Materials ……. Oishi, Y. and Narita, T.
Education and studies on syntheses, structures and properties of polymers and functional organic materials
Polymeric material sciences
Structure of organic thin films

Advanced Biological Materials …….…… Hanamoto, T. and Osada . S.
Organic fluorine chemistry.
Synthesis and structure of biologically active peptides.
Chemistry of ion channel forming peptides.
Mechanism-based design and synthesis of enzyme or receptor inhibitors.

Environmental Physical Chemistry

Physical Chemistry of Amphiphilic Materials ……..……Unsettled
Self-organization of Amphiphiles
Polymer - Amphiphile Interactions

Physical Chemistry for Photonic and Optoelectronic Materials ……..…….. Era, M.
Optoelectronic materials
Advanced Solid State Chemical Physics

Physical Chemistry for Biological Molecules ……..... Unno, M.
Molecular Spectroscopy
Biophysics of Photoreceptor Proteins

Physical Chemistry of functionalized materials …….....Sakaguchi, K.
Functionalized carbon materials
Fabrication and evaluation of organic devices

Physical Chemistry for bioelectrochemistry……..….....Tominaga, M.
Bioelectrochemistry
Bio-fuel cell

Environmental Chemistry and Engineering

Environmental Chemical Engineering…….…… Ohto, K. and Morisada, S.
Advanced environmental chemistry

Solution Chemistry……..……..……Takamuku, T.
Education and studies on structure and dynamics of liquids and solutions
Mixing state of binary solutions on nano-scale
Solvation structure of biomolecules in binary solutions
Physicochemical properties of room-temperature ionic liquids
Structure and dynamics of liquids confined in nano-space

Chair of Civil Engineering and Architecture

Civil Engineering

Geotechnical Engineering ……..… Chai, J.,Hino, T. .
Theory and practice of geotechnical engineering prediction and prevention of ground disaster
Advanced geotechnical engineering
Advanced geo-environmental engineering
Geomechanics and rock engineering
Advanced soil mechanics

Structural Engineering ……..…….……..Obiya, H.
Advanced earthquake engineering
Theory of basic and application of large scale structure systems
Advanced structural analysis
System analysis of structures
Advanced structural design
Advanced computational mechanics

Construction Materials ……..……..…..……Ito, Y.
Improvement of mechanical properties of construction materials
Utilization of waste materials
Advanced concrete engineering
Maintenance management of concrete structures
Development of inspection technique for concrete structure
Advanced geotechnical materials
Geotechnical materials engineering

Environmental System Engineering

Water Management System…….Ohgushi, K., Yamanishi, H. Narumol, V. and Oshikawa, H.
Water resources engineering
Wastewater treatment systems
Computational hydraulics and remote sensing engineering for water environment
Water resources management
Water environmental systems engineering
Environmental systems engineering

Water pollution control systems
Advanced hydraulic network system planning
Planning theory on water environment

Urban System and Environment ……. …. …. …..... Li, H., and Inohae, T.
Basic principle and application of urban planning and transportation planning
Advanced urban space design
Advanced transportation planning
Advanced environmental evaluation

Architecture and Urban Design

Urban Design and Architecture …… Mishima, N., Goto, R., Hirase, Y. and Miyahara, M.
Basic principle and application of urban planning and transportation planning
Advanced urban space design
Advanced transportation planning
Advanced environmental evaluation

Environmental Design for Architecture ……..……Kojima, S. and Nakaohkubo, K.
Town space design
Advanced Architectural environmental control
Urban and Building Environment

Course of Advanced Technology Fusion

Chair of Advanced Technology Fusion

Biomedical Engineering

Intelligent Control Engineering……..……. Goto, S. and Sugi, T.
Compensation of hand movement by additional force
Power system control; Reliability analysis of equipments in power stations,
Modeling and analysis of geothermal power station
Plant system control; Modeling and control of Ocean/Spring Thermal Energy
Conversion(OTEC/STEC), Modeling and control of chemical plant
Mechatronic system control; Simulator for articulated robot arm,
Cooperative control of plural robots, Forcefree control

Bioimaging and Sensing…….. …. …...…..…….. Kimoto, A. and Yamaoka, Y.
Bioimaging; Wearable functional near-infrared spectroscopy system
Bioimaging; Ultra-high spatial resolution bioimaging of cells
Bioimaging; Oxygen bioimaging in cell using genetic biosensors
Biosensors; Intelligent-composite multisensors
Biosensors; Tactile sensors mimicking human perceptions
Biosensors; Non-invasive imaging with composite sensors
Biomedical imaging; Photoacoustic imaging

Applied Computing……..…… Muramatsu, K. and Dozono, H
Numerical analysis of electromagnetic field
Optimal design of electromagnetic apparatus
Modelling of magnetic materials
Soft computing
Self-organizing maps

Fluid Engineering……..…… Matsuo, S., Hashimoto, T. and Sumi, T.
Compressible fluid flow, effective utilization of fluid energy, multiphase flow

Sensing Systems……..……... Teramoto, K.

Non-destructive testing.
Inverse problems in multidimensional sensing.
Wave-field analysis
Biomedical sensing by ultrasound
Photonic Sensing.
Nano-scale Sensing.
Signal processing

Interface Devices…….……...…….Ueno, N.
Mechanoluminescencs Sensor
Dynamic Imaging Analysis
Human Interface

Biomedical Sensing…….…….……... Md. T. I. Khan
Sensing systems of biomedical engineering dynamics

Advanced Material Chemistry

Functional Ceramics …….....Akatsu, T. and Yada, M.
Education and studies on structural and functional ceramics
Advanced inorganic materials
Preparation of ceramics: solid state reaction, sol-gel process, reactive infiltration
Eco-friendly ceramics: luminescence materials for energy-saving, ceramic recycle and porous ceramics for environmental cleanup
Nano-size functional ceramics: nano-fiber, nano-tube, nano-composites
Ceramic composite

Advanced Organic Materials ……....……..……...……Takeshita, M.
Advanced supramolecular chemistry
Molecular design of advanced materials

Environmental Chemical Engineering ……...…..…. Kawakita, H.
Separation and removal material preparation of metals
Modified saccharides and polysaccharides synthesis using enzymatic reaction

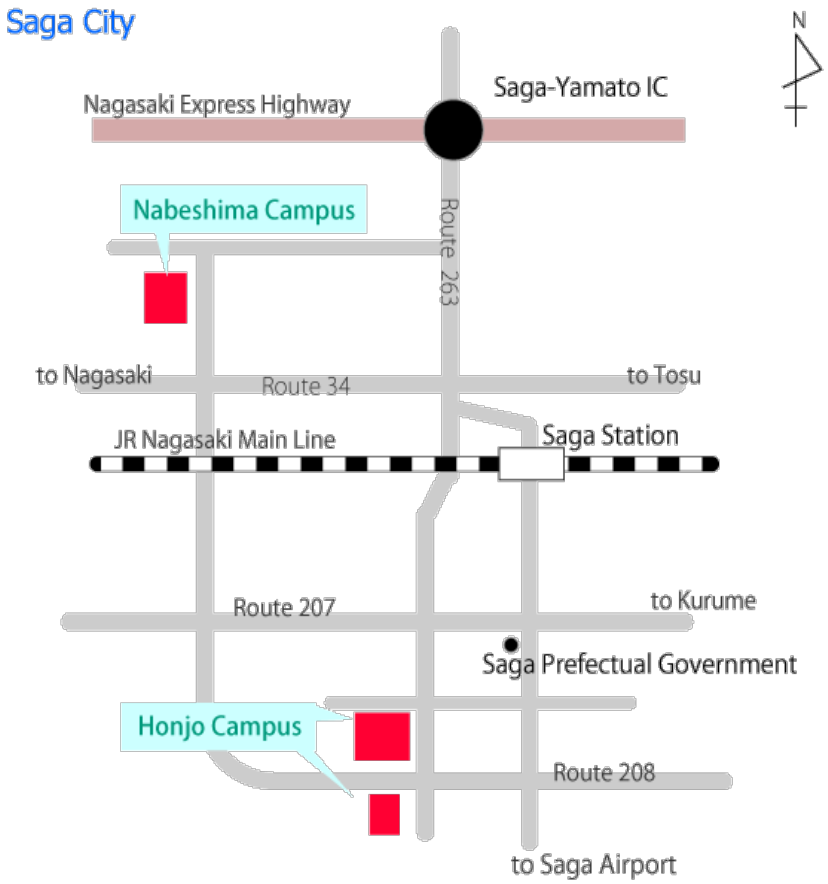
Access to Honjo Campus, Saga University

By Air

Saga	about 105 minutes	Tokyo (Haneda)
Fukuoka	about 105 minutes	Tokyo (Haneda)
Fukuoka	about 60 minutes	Osaka (Itami, Kansai)

By Train

Hakata	about 330 minutes by Shinkansen	Tokyo
Hakata	about 150 minutes by Shinkansen	Shin-Osaka
Saga	about 35 minutes by JR Express Train	Hakata



POST-GRADUATE PROGRAM FOR GLOBAL ADVANCEMENT (PPGA) IN ENVIRONMENTAL AND ENERGY SCIENCE

GRADUATE SCHOOL OF SCIENCE AND ENGINEERING, SAGA UNIVERSITY

A P P L I CA T I O N F O R M

INSTRUCTIONS (記入上の注意)

1. Application should be typewritten or written in Roman block capitals.
   (記入は楷書又は大文字のローマ字体を用いること。)
2. Numbers should be written in Arabic figures.
   (数字は算用数字を用いること。)
3. Year should be written in the Anno Domini system.
   (年号はすべて西暦とすること。)
4. Proper nouns should be written in full and not be abbreviated.
   (固有名詞はすべて正式な名称とし、一切省略しないこと。)
5. An Examination fee of 30,000 Yen should be enclosed.
   (検定料 30,000 円を添えること。)
6. Write your name and the address within the box below for notifying the result of the selection. This box will be used for the addressing stickers.
   (合格通知書等を送付するので氏名と住所を下記欄に記入のこと。この欄は住所ラベルとして使用する。)

Name :

Present address :

Tel/Fax :

Form　A－1

＊受験番号 第　　号

POST-GRADUATE PROGRAM FOR GLOBAL ADVANCEMENT (PPGA) IN ENVIRONMENTAL AND ENERGY SCIENCE GRADUATE SCHOOL OF SCIENCE AND ENGINEERING, SAGA UNIVERSITY (DOCTOR COURSE)

2020 年度佐賀大学大学院工学系研究科環境・エネルギー科学グローバル教育プログラム(博士後期課程)入学志願票

Course

☐ Electronics and Information Systems

☐ Mechanical Engineering and Physical Science

☐ Environmental Science and Engineering

☐ Advanced Technology Fusion

Chair and Research Field

Chair : _____

Research Field : _____

Paste a passport sized photograph or digital image taken within the past 6 months. Write your name and nationality in block letters on the back of the photo.
(4.5 ㎝×3.5 ㎝ photo)
(写真（4.5 ㎝×3.5cm）)

Name of the desired supervisor（指導を希望する主指導教員名をかならず記入すること。）

_____

1. Name in full, in native language (姓名(自国語))

_____ , _____ , _____

(Family name) (First name) (Middle name)

(Sex)
☐Male (男)
☐Female (女)

In Roman block capitals (ﾛｰﾏ字)

_____ , _____ , _____

(Family name) (First name) (Middle name)

(Marital Status)
☐Single (未婚)
☐Married (既婚)

2. Nationality
(国籍) _____

3. Date of birth (生年月日) Year 19 (年) ,Month (月) ,Date (日) ,Age (年齢) (As of April 1st, 2020)

4. Present status; with the name of the university attended, or of the employer
(現職(在学大学名又は勤務先名まで記入すること))

_____

5. Present address and telephone number, facsimile number or E-mail address
(現住所及び電話，ファックス番号，E-mail アドレス)

Present address (現住所)：_____

電話番号/FAX 番号(Telephone/facsimile number)：_____

E-mail address：_____

6. Permanent address (本籍): _____

7. Field of specialization studied in the past (Be as detailed and specific as possible.)
(過去に専攻した専門分野(できるだけ具体的に詳細に書くこと。)

_____

8. Educational background (学歴)

	Name and Address of School (学校名及び所在地)	Year and Month of Entrance and Completion (入学及び卒業年月)	Amount of time spent at the school attended (修学年数)	Diploma or Degree awarded,Major subject (学位・資格，専攻科目) When taking leave of absence,the period and reason. (休学した場合はその期間・理由)
Elementary Education (初等教育) Elementary School (小学校)	Name (学校名) Location (所在地)	From (入学) To (卒業)	years (年) and months (月)	
Secondary Education (中等教育) Lower Secondary School (中学)	Name (学校名) Location (所在地)	From (入学) To (卒業)	years (年) and months (月)	
Upper Secondary School (高校)	Name (学校名) Location (所在地)	From (入学) To (卒業)	years (年) and months (月)	
Higher Education (高等教育) Undergraduate Level (大学)	Name (学校名) Location (所在地)	From (入学) To (卒業)	years (年) and months (月)	
Graduate Level (大学院)	Name (学校名) Location (所在地)	From (入学) To (卒業)	years (年) and months (月)	
Total years of schooling mentioned above (以上を通算した全学校教育修学年数) as of April 1, 2020 (2020 年 4 月 1 日現在)		years(年)		

＊ If the blank spaces above are not sufficient for the information required, please attach a separate sheet ((注)上欄に書ききれない場合には，適当な別紙に記入して添付すること。)

9. State the titles or subjects of books or papers (including graduation thesis authored by the applicant), if any, with the name and address of publisher and the date of publication.
(著書，論文(卒業論文を含む。)があればその題名，出版社名，出版年月日，出版場所を記すこと。)

＊Accompany this form with a summary of the papers mentioned above.((注)論文の概要を添付のこと)

10. Employment Record: Begin with the most recent employment, if applicable. (職歴)

Name and address of organization (勤務先及び所在地)	Period of employment (勤務期間)	Position (役職名)	Type of work (職務内容)
	From To		
	From To		

11. Japanese language background, if any (日本語の学習歴)

i) Name and address of institution (学習機関及びその住所)

_____

ii) Period of study: (学習期間) from _____ Year (年) Month (月) to _____ Year (年)Month (月) , _____ Years(年間)

iii) Name of teacher (教師名)

_____

iv) Japanese language proficiency: Evaluate your level and insert an X where appropriate in the following blank space. （日本語能力を自己評価のうえ，該当欄に×印を記入すること。）

	Excellent(優)	Good(良)	Fair(可)	Poor(不可)
Reading (読む能力)				
Writing (書く能力)				
Speaking (話す能力)				

12. Foreign language proficiency: Evaluate your level and insert an X where appropriate in the following blank space. (外国語能力を自己評価のうえ，該当欄に×印を記入すること。)

	Excellent(優)	Good(良)	Fair(可)	Poor(不可)
English(英語)				
French(仏語)				
German(独語)				
Spanish(西語)				

13. Family background (家族状況)

Name(氏名)	Relationship (続柄)	Age (年齢)	Occupation (職業)

14. Accompanying Dependents (Provide the following information if you plan to bring any family members to Saga, Japan.) 同伴家族欄（佐賀に来る場合，同伴予定の家族がいる場合に記入すること。）
* He/She is advised to take into consideration various difficulties and the great expense that will be involved in finding living quarters. Therefore, those who wish to be accompanied by their families are advised to come alone first and let their dependents come after suitable accommodation has been found.

（注）家族用の宿舎をみつけることは相当困難であり賃貸料も非常に割高になるのであらかじめ承知されたい。このため，留学生はまず単身で佐賀に来て，適当な宿舎をみつけた後，家族を呼び寄せること。

Name （氏　名）	Relationship （続　柄）	Age （年　齢）

15. Person to be notified in applicant's home country in case of emergency: (緊急の際の母国の連絡先)

i) Name in full(氏名)：

ii) Address：with telephone number, facsimile number, e-mail address:(住所:電話番号,ファックス番号及び e-mail アドレスを記入のこと。)

現住所(present address)：

電話番号/FAX 番号(Telephone/facsimile number)：

E-mail address：

iii) Occupation（職業）：

iv) Relationship（本人との関係）：

16. Immigration Records to Japan. (日本への渡航記録)

Date　(日付)	Purpose　(渡航目的)
From To	
From To	

Date of application(申請年月日):

Applicant's signature(申請者署名):

Applicant's name (in Roman block capitals)(申請者氏名):

Form　A－2

＊　受験番号
第　　号

POST-GRADUATE PROGRAM FOR GLOBAL ADVANCEMENT (PPGA)
IN ENVIRONMENTAL AND ENERGY SCIENCE (DOCTOR COURSE)
ADMISSION TICKET FOR THE EXAMINATION
Graduate School of Science and Engineering, Saga University
2020 年度佐賀大学大学院工学系研究科環境･エネルギー科学グローバル教育プログラム(博士後期課程)
受験票

1. **Course**（志望コース）

☐ Electronics and Information Systems
☐ Mechanical Engineering and Physical Science
☐ Environmental Science and Engineering
☐ Advanced Technology Fusion

Chair and Research field（志望部門，研究分野）
Chair　　Research Field

Photo
4.5cm×3.5cm

Taken within 6 months.

2. Sex　☐ Male　（男）　☐ Female　（女）
3. Name in full; in native language（氏名（自国語））

_____, _____, _____
(Family name)　(First name)　(Middle name)
In Roman block capitals　（ローマ字）

_____, _____, _____
(Family name)　(First name)　(Middle name)

（ 切　り　取　り　線 ）

領収番号※第　　号

納　付　書
EXAMINATION FEE

※第　　号	受験者氏名 (Applicant's Name)	
年度	研究科名 (Graduate Course)	工学系研究科
	専攻名 (Department)	システム創成科学専攻

¥ 30,000　日本円に限る (JAPANESE CURRENCY)

ただし，入学検定料
（EXAMINATION FEE）

※　　年　　月　　日　領収

領 収 証 書
RECEIPT

¥ 30,000
日本円に限る
(JAPANESE CURRENCY)

ただし，入学検定料
(EXAMINATION FEE)

※　　年　　月　　日

受験者氏名
(Applicant's Name)

様

国立大学法人佐賀大学

領収証書及び納付書の氏名，研究科及び専攻名欄には，必ず氏名を明記すること。
※印の欄は、記入しないこと。
(Applicant should not fill in except his/her name, Graduate Course and Department.)

Form　B（在日）

＊　受験番号 第　　号

推　薦　書
LETTER OF RECOMMENDATION

佐賀大学長　様
To: President of Saga University

被推薦者
Recommendee
氏名
Full Name: _____

生年月日
Date of Birth: _____

国籍
Nationality: _____

_____

_____

_____

_____

_____

_____

日付
Date: _____
(month)　(date)　(year)

推薦者
Recommender
署名
Signature: _____
氏名
Print Name: _____

役職
Title and Institution
(or Company): _____
現住所
Present Address: _____

E メールアドレス
E-mail Address: _____

Form C（在日）

＊ 受験番号
第　　号

証　明　書
LETTER OF REFERENCE

佐賀大学大学院工学系研究科長　様

To: Dean of the Graduate School of
Science and Engineering, Saga University

被証明者
Referenced person
氏名
Full Name: _____

生年月日
Date of Birth: _____

国籍
Nationality: _____

_____

_____

_____

_____

_____

_____

日付
Date: _____
(month) (date) (year)

証明者
Reference person
署名
Signature: _____
氏名
Print Name: _____

役職
Title and Institution
(or Company): _____

現住所
Present Address: _____

E メールアドレス
E-mail Address: _____